

19991101.qrp v01\_n626.qrl.991101

Date: Mon, 1 Nov 1999 19:03:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1626

QRP-L Digest 1626

Topics covered in this issue include:

- 1) [54798] Re: Distinguish QRP+ from QRP++ ??  
by "Jim Marciniak" <n1rui@together.net>
- 2) [54799] W1AW/Tuna Tin 2 on 10Mhz  
by charles k brown <n4so@juno.com>
- 3) [54800] NorCal Doublet big hit at NJQRP Meeting  
by "George Heron" <n2apb@erols.com>
- 4) [54801] Another Tuna swims in the sea of RF!!!  
by Tim <drboom@bright.net>
- 5) [54802] KITS: Peak Power Mod for WM-1  
by Monte Stark <ku7y@dri.edu>
- 6) [54803] Tuna Tin on Halloween  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 7) [54804] Re: ADMIN: qrp-l/qrp-f  
by "Scott Howell" <n3byy@yahoo.com>
- 8) [54805] Re: ADMIN: qrp-l/qrp-f  
by "Scott Howell" <n3byy@yahoo.com>
- 9) [54806] Naive Me  
by "Henry Knoll" <knoll003@tc.umn.edu>
- 10) [54807] Re: Lurker passes tech exam.  
by Fred DeVries <fred.devries@mindspring.com>
- 11) [54808] Re: Naive Me  
by "M. Monninger" <markem@primenet.com>
- 12) [54809] Re: Distinguish QRP+ from QRP++ ??  
by "Jay Bromley" <w5jay@alltel.net>
- 13) [54810] Thank you's  
by "NA6E" <mcherry@calweb.com>
- 14) [54811] QRP+ INFO  
by ARDUJENSKI@aol.com
- 15) [54812] Fun QRP Weekend.  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 16) [54813] W1AW TT/2 - just worked on 40m  
by "D Howard" <dhoward@sympatico.ca>
- 17) [54814] Zombie Shuffle, scarey!  
by Goemans <jgoemans@facstaff.wisc.edu>
- 18) [54815] W1AW TT & SSB DX on 10M  
by Jim Hale <kj5tf@yahoo.com>
- 19) [54816] High Price QRP Rigs - NOT always!

by "Mike Pupeza" <mpupeza@csolve.net>

20) [54817] Nice turnout for the NORCAL QRP net!  
by Jeff <fantbb@yahoo.com>

21) [54818] NETS: 80 meters  
by Wa3ptg@aol.com

22) [54819] QRP ARCI Miles Per Watt Records  
by radioham@erols.com

23) [54820] RE: WAS 30 meters  
by radioham@erols.com

24) [54821] OPERATING: WATT2  
by "Rod Cerkoney" <rlw@friei.com>

25) [54822] Re: TT2 CASES  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

26) [54823] Re: Nice turnout for the NORCAL QRP net!  
by Jeff <fantbb@yahoo.com>

27) [54824] Re: TT2 CASES  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

28) [54825] What a Weekend!  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

29) [54826] Re: What a Weekend!  
by Pete Burbank <plburbank@kih.net>

30) [54827] Re: Posts to the list  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

31) [54828] Re: OPERATING: WATT2  
by "Rod Cerkoney" <rlw@friei.com>

32) [54829] Re: OPERATING: WATT2  
by "Robert P. Okas" <vintage@best.com>

33) [54830] Re: What a Weekend!  
by "Rod Cerkoney" <rlw@friei.com>

34) [54831] Re: Posts to the list  
by Pete Burbank <plburbank@kih.net>

35) [54832] KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
by "Dave" <kd6kwm@mindspring.com>

36) [54833] NT+ Fox -- A first timer this Tuesday Nite PST -- K6JMB - November  
3rd 0400-0600Z  
by "jmb" <jmb@cruzio.com>

37) [54834] Posts to the list  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

38) [54835] Re: Nice turnout for the NORCAL QRP net!  
by Christian Void <cvoid@netcom.com>

39) [54836] ATTENTION: YASUO ITOH  
by KB90CE@aol.com

40) [54837] Re: "toroid" vs: "torroid" ?  
by "Leon Heller" <leon\_heller@hotmail.com>

41) [54838] Re: Posts to the list  
by Pete Burbank <plburbank@kih.net>

42) [54839] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
by aa5yx@juno.com

43) [54840] Antenna Model collections in .NEC & .EZ format  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

44) [54841] Re: NT+ Fox -- A first timer this Tuesday Nite PST -- K6JMB -  
November  
3rd 0400-0600Z  
by Brian <brian@iquest.net>

45) [54842] Pancake magnets...  
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>

46) [54843] RE: Distinguish QRP+ from QRP++ ??  
by Dave Barrett <DBarrett@creo.com>

47) [54844] Re: What a Weekend!  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

48) [54845] KITS: TFR and WM-2 ==> WATT METER <=-  
by "Dave" <kd6kwm@mindspring.com>

49) [54846] Re: What a Weekend! - QRP-L and Synergy  
by Jim Larsen AL7FS <a17fs@pobox.alaska.net>

50) [54847] ZOMBIE:Results  
by "Edward A Kwik jr" <eakwikjr@hti.com>

51) [54848] RE: WAS 30 meters  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

52) [54849] RE: WAS 30 meters YES...  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

53) [54850] Re: Pancake magnets...  
by Dave Marling <dbm@klis.com>

54) [54851] Re: Thanks  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

55) [54852] FOX: Tonight, AB5UA ( 2 Nov. 0100-0300 UTC )  
by Clifton W Sikes <ab5uacw@juno.com>

56) [54853] KITS: HW-7 broadcast invasion  
by Sam Billingsley <SBillingsley@usaninc.com>

57) [54854] Re: Help-BNC 50 OHM Terminator  
by Bruce Grubbs N7CEE <n7cee@arrl.net>

58) [54855] FOX: Foxii, Please Note Digest \*early\* Mailing Time  
by "Kevin L. Anderson" <kla@helios.augustana.edu>

59) [54856] 160 Meters QRP  
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>

60) [54857] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
by igeq100@iupui.edu

61) [54858] Further on the collections  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

62) [54859] Re: 160 Meters QRP  
by Roy <marion@montana.com>

63) [54860] NORCAL QRP NET time correction  
by Jeff <fantbb@yahoo.com>

64) [54861] test  
by dschneider2@uswest.net

65) [54862] Sweeps software  
by k1vp@lawson-philpot.com

- 66) [54863] Re: 160 Meters QRP  
by "KC1DI" <elbc@pivot.net>
- 67) [54864] Sale MFJ Tunable DSP filter Model MFJ 784B  
by "Bruce" <Bruce2@prodigy.net>
- 68) [54865] QRP-F  
by AD6EZ@aol.com
- 69) [54866] AOL Timers  
by AD6EZ@aol.com
- 70) [54867] Re: 160 Meters QRP  
by "Chuck Carpenter" <w5usj@globeco.net>
- 71) [54868] Re: QRP-F  
by "Chuck Carpenter" <w5usj@globeco.net>
- 72) [54869] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
by Bob Nielsen <nielsen@primenet.com>
- 73) [54870] KL Net 10/31/99  
by "Randy Hargenrader" <randyh@harksystems.com>
- 74) [54871] Re: KITS: TFR and WM-2 ==> WATT METER <=  
by "S. M. Whitehouse" <ke4yh@gte.net>
- 75) [54872] Weller MP101  
by Norm Melick <henmel@worldnet.att.net>
- 76) [54873] Re: 160 Meters QRP  
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 77) [54874] Fw: Naive Me  
by Bill H Ross <k6mgo@juno.com>
- 78) [54875] HB: RMS voltage detector chip  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 79) [54876] Re: ZOMBIE: Who spooked who??  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 80) [54877] Re: KITS: TFR and WM-2 ==> WATT METER <=  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 81) [54878] CQ WW SSB ....QRP  
by osier <osier@northnet.org>
- 82) [54879] Re: KITS: TFR and WM-2 ==> WATT METER <=  
by "Hugo Catta" <h.catta@worldnet.att.net>
- 83) [54880] Re: Help-BNC 50 OHM Terminator  
by "Tony Fishpool" <g4wif@btinternet.com>
- 84) [54881] Re: Distinguish QRP+ from QRP++ ??  
by Joel Malman <malman@world.std.com>
- 85) [54882] Fights  
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 86) [54883] NorCal Doublet for 10 - 40 Meters  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 87) [54884] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
by "Dick Schneider" <dschneider2@uswest.net>
- 88) [54885] DSW-40 Simply QRP  
by Richard Matthews <prm@hiwaay.net>
- 89) [54886] Re: Pancake magnets...  
by Jim <w7ls@blarg.net>

- 90) [54887] Re: KITS: TFR and WM-2 ==> WATT METER <=-  
by Dave Ek <ekdave@earthlink.net>
- 91) [54888] Sweepstakes and QRP: hints & tips?  
by Dave Ek <ekdave@earthlink.net>
- 92) [54889] Re: TFR's and Oak Hills Research Analog Watt Meter WM-2  
by ka7you@juno.com
- 93) [54890] QRP: Kudo's to W1AW/W1RFI  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 94) [54891] OPERATING: 160 Meters QRP  
by Monte Stark <ku7y@dri.edu>
- 95) [54892] Re: Fights  
by k1vp@lawson-philpot.com
- 96) [54893] Re: KITS: TFR and WM-2 ==> WATT METER <=-  
by "S. M. Whitehouse" <ke4yh@gte.net>
- 97) [54894] Midway Island  
by MertNellis@aol.com
- 98) [54895] Re: 160 Meters QRP  
by bcutter@teal.csn.net (Bob Cutter)
- 99) [54896] ZOMBIE: What a blast  
by Monte Stark <ku7y@dri.edu>
- 100) [54897] ADMIN: I need some Help!  
by Sam Billingsley <SBillingsley@usaninc.com>
- 101) [54898] OFF TOPIC Happy Holidays, but read anyway!  
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 102) [54899] FOXHUNT:Team Scores (fwd)  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 103) [54900] ADMIN  
by lujce@Lehigh.EDU
- 104) [54901] Re: Fights  
by Bob Nielsen <nielsen@primenet.com>
- 105) [54902] Spy Radio !  
by kc8aon@juno.com
- 106) [54903] Smaller Altoids Tin  
by Stanley A Mcintosh <mcintos@basf-corp.com>
- 107) [54904] WE6W Zombie Report  
by Ed Loranger <we6w@qsl.net>
- 108) [54905] Zombie & CQ WW SSB  
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 109) [54906] W8ERV Zombie Report  
by "J. Ervin Bates" <w8erv@email.msn.com>
- 110) [54907] Midway Island  
by Oscar A Hoyt <k5ubs@juno.com>
- 111) [54908] Re: Fights  
by "Randall" <Firefox@Southwind.net>
- 112) [54909] CONTEST: FDIM 2000 DESIGN/BUILDING ANNOUNCEMENT  
by "Ken Evans" <w4du@bellsouth.net>
- 113) [54910] Portable HF antenna  
by Dwane I Olson <diolson@juno.com>

114) [54911] "Desert Fox"  
by GE1am30092@aol.com

-----  
Date: Sun, 31 Oct 1999 19:06:15 -0500  
From: "Jim Marciniak" <n1rui@together.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
<jm1lowman@ix.netcom.com>  
Subject: [54798] Re: Distinguish QRP+ from QRP++ ??  
Message-ID: <002201bf23fd\$03bed7c0\$13c0fea9@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think the mic gain pot is removed on a QRP++ unit, and a fixed resistor is put in its place. If I have this wrong, I'll bet I'll hear about it pretty quick <grin!>.

72,

Jim

----- Original Message -----

From: Jim Lowman <jm1lowman@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Sunday, October 31, 1999 6:29 PM  
Subject: Distinguish QRP+ from QRP++ ??

> Gang,

>

> I have an Index Labs QRP+ and have a chance to buy a QRP++. The  
> seller is not certain that the rig is a ++ other than what he has  
> been told. Is there an easy way to differentiate between the two?

>

> Thanks in advance and 72 de Jim - AD6CW

>

-----  
Date: Sun, 31 Oct 1999 19:11:21 EST  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [54799] W1AW/Tuna Tin 2 on 10Mhz  
Message-ID: <19991031.001010.7423.4.n4so@juno.com>

Worked the 10.121.41 Tuna Tin version at 2235Z

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.  
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-----  
Date: Sun, 31 Oct 1999 20:29:36 -0500  
From: "George Heron" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Cc: "NJQRP" <NJQRP@njqrp.org>  
Subject: [54800] NorCal Doublet big hit at NJQRP Meeting  
Message-ID: <02de01bf2408\$a9e5a100\$6598accf@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

With the permission, endorsement and encouragement from both Doug Hendricks, KI6DS and Dave Gauding, NØFR we kitted and gave away over 40 NorCal Doublets at the NJ-QRP meeting yesterday in Princeton, NJ.

As you'll recall from the KI6DS email postings over the last month or so, the NorCal Doublet is a portable dipole antenna with 26-foot legs and a 24-foot balanced feeder, all made out of 2-wire computer ribbon cable. You end up with a flat top dipole antenna 52-feet across which is able to be used effectively from 40 meters to 10 meters because of its balanced/parallel feed line.

We wanted to have a special "trick or treat" give-away kit for all Jersey QRPers attending this month's meeting, so we asked KI6DS and NØFR for permission to replicate their material and assemble the necessary components for all our members to easily construct a NorCal Doublet. Both Doug and Dave graciously allowed us to do this and even made recommendations for improvement of this freebie kit. Thanks so much for your assist guys!

We even assembled one of the bag o' parts Doublets right there during the meeting! We attached the center feed

point to one of those 20' collapsable fiberglass fishing poles, extended it nearly all the way up (we have a nice tall room that we meet in!), and extended the legs of the antenna to form an inverted vee. And N2CX, being our ever-ready technical guru, grabbed his ZM-2 antenna tuner and his RF-1 antenna analyzer he brought along and performed some measurements on the antenna for the benefit of us all. Reports will follow.

All in all, the NorCal Doublet was a great hit at our meeting. Assembling the parts was a piece of cake, and we wrote up a nice "assembly and construction guide" for the guys ... should have a bunch of these on the air soon from the highways and byways of NJ. It's a GREAT portable antenna!

If you missed studying Doug's detailing of the doublet's construction, check back over the QRP-L archives for Sept 24th and find his posting. It's simple and it says it all.

Thanks Doug & Dave!

72, George N2APB  
n2apb@amsat.org  
for the NJ-QRP Club at <http://www.njqrp.org>

-----  
Date: Sun, 31 Oct 1999 19:30:51 -0500  
From: Tim <drboom@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [54801] Another Tuna swims in the sea of RF!!!  
Message-ID: <381CDF3B.100EFCFF@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Yet another Tuna lives, a very nice kit that NJQRP puts out.

Mine was even more special today for me, not only did it make 3 quick Q's at 400 mW, but the last Q was very special.

It was with Cindy, KB8WOB, in MI. She told me she had just gotten her



extra class ticket, that was special to her.

What was special to me was that she told me that I was her very first CW contact ever. To know that I can be someone's first CW contact means more to me than all the DX in the world.

The Zombie test was great fun even if the bands weren't the best, barely got my 13, worked the original TT2 Saturday, with Rich at the helm, got my TT2 built Sat. night and was a first CW contact for another ham. It just keeps getting better and better.

I was sorry to see Chuck retire from the list, I will miss him greatly, It is my hope that this list doesn't fold and just keeps growing. Let's all give it our best, there is so much I need to learn and between the books and this list I hope to better myself in our wonderful little RF world....

73/72

Tim Herron  
NM8Y

-----  
Date: Sun, 31 Oct 1999 16:31:09 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54802] KITS: Peak Power Mod for WM-1  
Message-ID: <Pine.GSO.4.10.9910311629120.3664-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Larry East had an article for the modification to use on the WM-1 meter to have it read PEP.

January, 1995, Pg 8

QRP ARCI Quarterly.

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

-----  
Date: Sun, 31 Oct 1999 19:45:41 -0500

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>,  
"njqrp@njqrp.org" <njqrp@njqrp.org>  
Subject: [54803] Tuna Tin on Halloween  
Message-ID: <381CE2B5.3B05C1D8@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm on Right now at about 7042/7043 kHz with my Tuna Tin looking for a  
TT2 to TT2 contact. Come and get me.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Sun, 31 Oct 1999 20:00:08 -0500  
From: "Scott Howell" <n3bby@yahoo.com>  
To: <bahr521@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [54804] Re: ADMIN: qrp-1/qrp-f  
Message-ID: <002d01bf2405\$5cec7520\$b661b683@HQ.NASA.GOV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

you know I forgot to point something out. DO you all realize that QRP-L is  
wholely or in part responsible for the birth of such activities as the Fox  
hunts, Pacificon, Atlanticon, FDIM, FYBO, BUBA, and so so much more?  
I just thought I'd make that little observation.

73 de Scott/n3bby  
Laurel MD  
Fists #5030 . Qrp- #1689 . Zombie #333  
for immediate response, send mail to n3bby@amsat.org  
home page <http://www.qsl.net/n3bby>  
----- Original Message -----

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sun, 31 Oct 1999 20:05:08 -0500  
From: "Scott Howell" <n3byy@yahoo.com>  
To: <brian@iquest.net>  
Cc: <qrp-1@lehigh.edu>  
Subject: [54805] Re: ADMIN: qrp-1/qrp-f  
Message-ID: <002e01bf2405\$5e5490a0\$b661b683@HQ.NASA.GOV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

my man you remember those days? wow! I was a national mail server and backup  
for a local hub. That's right they called them hubs in those days.  
Ran that and a bbs on the back end.  
Then got into being a 2 zone national mail hub. wowo! did all this on a 286  
and then a 386 using only 130Mb drive space.  
those were the days.

73 de Scott/n3byy  
Laurel MD  
Fists #5030 . Qrp- #1689 . Zombie #333  
for immediate response, send mail to n3byy@amsat.org  
home page <http://www.qsl.net/n3byy>  
----- Original Message -----  
From: Brian Murrey <brian@iquest.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Sunday, October 31, 1999 6:03 PM  
Subject: Re: ADMIN: qrp-1/qrp-f

> Ugh. I'm reminded of the early days of Fidonet.  
>  
>

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sun, 31 Oct 1999 19:13:50  
From: "Henry Knoll" <knoll003@tc.umn.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [54806] Naive Me  
Message-ID: <iss.1429.381ce935.29391.1@amethyst.tc.umn.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I don't know how many of the other list members are in the dark as I am, but I'll bet it's a lot. I must be extremely naive.

One day the QRP-L list was going fine, and the next all was in shambles. Obviously something was happening in the background that I wasn't privy to.

I really can sense the hurt that some are experiencing, and I certainly can understand hurt. Perhaps after time, things will heal. I enjoy QRP-L very much and sincerely hope it continues.

Since it only takes a couple of bad apples to spoil the barrel, why not just ban the bad apples? Technically it's simple enough. What am I missing and are others as much in the dark as I am?

73/72

Henry WA0GOZ

-----  
Date: Sun, 31 Oct 1999 20:18:37 -0500  
From: Fred DeVries <fred.devries@mindspring.com>  
To: rkevans@iag.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [54807] Re: Lurker passes tech exam.  
Message-ID: <3.0.5.32.19991031201837.007bf4c0@mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

First of all, Rick, congratulations. Well done. I feel sure that you will make your Christmas goal. What a present.

It is interesting to read about the many paths we have taken and are taking to enter the amateur ranks. Very few stories are the same. I bought my first licence manual in 1955 and finally earned my Tech Plus and General in May...44 years later. Some of us are kids who have earned the "big one" while still in their teens. I recently worked a gentleman with a perfect fist who told me he was first licensed in 1915. He was born in 1907. These stories are a facinating part of hame radio.

Rick, thanks for sharing your story. I will be eager to read the next chapter.

73,

Fred DeVries KC8MMS

At 05:44 PM 10/31/99 -0500, Richard K. Evans wrote:

>

>Hello,

>

> Wow, I've been on this mailing list for about 9 months now. Other  
>than a few initial questions, I really have contributed much. Heck, I  
>routinely deleted the unread digests when I got short on mail space.  
>Even worse, I first picked up a study guide for a novice ticket in 1987...

>

> Yesterday, I wandered into a test session by accident. Well, ok, it  
>wasn't really an accident, but I almost forgot about it.

>

> Result: I passed the theory tests up to General, and almost (by two  
>questions) missed the Advanced theory test. Not bad for studying only the  
>technician question pool... I didn't even bother taking the code test.

>

> Plans:

>

> - Operate on just the tech bands for now.

>

> - Study the rest of the theory, with a goal of passing the  
> Extra theory test by Christmas.

>

> - Learn Morse code.

>

> - I'm doing the theory tests first on purpose. Right now, Morse  
> code is the only thing keeping me away from a General class  
> license... and it bugs me. Hopefully, it'll bother me enough  
> to spend the time needed to decipher those frustrating beeping  
> sounds.

>

> On a positive note, I already have a nice shack to operate from. I've  
>been the only unlicensed member of the Univ. of Central Florida ARC for

>the same 8 months I've been on the list. The club shack has plenty of  
>blinkenlights and antennae for me to play with. I just have to walk a  
>mile (uphill for several feet) in the deep snow of Orlando, FL to reach  
>the shack.  
>  
> Last goal: Melt some solder and build a cute little qrp rig.  
>  
> Went shopping for a crass commercial rig at AES yesterday, but decided  
>that burning my fingertips with an iron sounded like more fun.  
>  
>Rick Evans  
>Computer Engineering student  
>University of Central Florida  
>  
>

-----  
Date: Sun, 31 Oct 1999 18:30:55 -0700  
From: "M. Monninger" <markem@primenet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [54808] Re: Naive Me  
Message-ID: <3.0.6.32.19991031183055.0088ad90@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I guess I'm in the same boat with Henry...not quite sure what's going on here.

I'd sure hate to see the list crash & burn. If not for it, I may well have gone completely dormant, ham radio-wise. As it is, the list showed me a whole new facet of the hobby and introduced me to a lot of helpful & interesting people. Many of you I know only thru the list but I also have met many of you at Ft Tuthill. I'd be really sorry to see things change.

Mark AA7TA

At 19:13 10/31/99, Henry Knoll wrote:

>I don't know how many of the other list members are in the dark as  
>I am, but I'll bet it's a lot. I must be extremely naive.  
>  
>One day the QRP-L list was going fine, and the next all was in  
>shambles. Obviously something was happening in the background that  
>I wasn't privy to. ...

-----  
Date: Sun, 31 Oct 1999 20:14:28 -0600  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <jmlowman@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [54809] Re: Distinguish QRP+ from QRP++ ??  
Message-ID: <001701bf240e\$d4bc1020\$1a9b66a6@w5jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yes, there is no mic gain pot on back of QRP++, they use a circuit call vogad ( not sure of spelling ) and did away with it. The hole in the back of the rig will still be there, but there will be no pot on the circuit board. There was no shaft poking out, you had to use a very fine screw driver for the adjustment in the QRP+. Hope this helps!!  
73 de w5jay..

----- Original Message -----

From: Jim Lowman <jmlowman@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Sunday, October 31, 1999 5:29 PM  
Subject: Distinguish QRP+ from QRP++ ??

> Gang,  
>  
> I have an Index Labs QRP+ and have a chance to buy a QRP++. The  
> seller is not certain that the rig is a ++ other than what he has  
> been told. Is there an easy way to differentiate between the two?  
>  
> Thanks in advance and 72 de Jim - AD6CW  
>

-----  
Date: Sun, 31 Oct 1999 18:37:46 -0800  
From: "NA6E" <mcherry@calweb.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [54810] Thank you's  
Message-ID: <NDBBKOCKMLENMENHNPHHIEAGCEAA.mcherry@calweb.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just wanted to do a general "thank you" to all who helped me with my breadboarding project. And also to the genius on the list (I forgot who it was, sorry) who posted about putting the solder in a pill box to keep it from flying all over the workbench. This works perfect.

\*\* 73 \*\*

Mary, NA6E ....Sacramento, CA

-----  
Date: Sun, 31 Oct 1999 21:56:48 EST  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [54811] QRP+ INFO  
Message-ID: <0.68310a01.254e5b70@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

There is a great source of info about the QRP PLUS and mods at:  
<http://www.qsl.net/~wd8rif/archives.htm>  
Alan KB7MBI

-----  
Date: Sun, 31 Oct 1999 21:56:53 -0500  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>, Bill Cole <billc@dandy.net>, Dave Marshall <n8oay@sprintmail.com>, Don Schimmel <dwschimmel@intrepid.net>, Ed Muro <kc2ayc@banet.net>, John McColman <jmccolma@richmond.infi.net>, Jon Cohen <jon@pluto.njcc.com>, Subject: [54812] Fun QRP Weekend.  
Message-ID: <381D0175.71F763BD@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lots of neat chances to play radio this weekend. In addition to working the Zombie Shuffle and catching the Tuna Tin 2 from W1AW, I bagged about 30 countries QRP (5W) SSB during the CQ contest. All this and a really fun NJQRP meeting too.

--

+++++



T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Sun, 31 Oct 1999 22:16:07 -0500  
From: "D Howard" <dhoward@sympatico.ca>  
To: <qrp-l@Lehigh.EDU>  
Subject: [54813] W1AW TT/2 - just worked on 40m  
Message-ID: <LNBBJGGCOIKHOGGKCHHMEECMCHAA.dhoward@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm a newbie - and have been having loads of fun working QRP.  
The best was just now when I worked W1AW on their tt/2 ( with a Ft1000mp receiver!!)  
I built one of these way back...  
Great stuff this ham radio - something for everyone

73 - Dan  
VA3MA  
Va3ma@rac.ca  
PS I'm on 7040 most nights - near Toronto

-----  
Date: Sun, 31 Oct 1999 20:52:41 -0600  
From: Goemans <jgoemans@facstaff.wisc.edu>  
To: qrp-l@lehigh.edu  
Subject: [54814] Zombie Shuffle, scarey!  
Message-ID: <3.0.2.32.19991031205241.006a0728@facstaff.wisc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi All,

A belated Z C report, was outta town till 4 Pm today, and with the 400+ messages on QRP-L to wade thru, and Halloween, well,...

My wife (N9AWW) and I rolled into Minneapolis Thursday afternoon.  
After checking into our motel, etc I decided to check my "Zombie-

Mobile" setup. I run an IC706II mobile with a pile of Ten Tec single-band whip antennas. I parked on the top (2nd floor) of the motel ramp, stuck on the 40 mtr antenna, tuned up fine. At 0145Z I called a CQ, and Larry NF0Z/QRP came right back to me, from Quartzsite, Az. Cool! After a nice chat, I signed, and KB2JWD/QRP called me from somewhere in the woods of NC. Cooler yet, no noise level on 40.

No big-city power line hash! Boy tomorrow night is going to be a blast!

Anyway, by Friday evening a cool front with rain and lightning had moved in to the area. QRN! Bummer. I stuck with 40 mtrs anyway, cuz

1) I am stubborn

2) I am stupid

3) I hoped the QRN would go away. HA !

I started shortly after 0000Z. The SSB QRM wasn't much of a problem for some reason. Maybe it was the 12-story motel directly behind the car, blocking signals to the northeast (towards Eu). I stuck with 40 mtrs exclusively for a total of 20 Zombies , in 2 1/2 hours of operating. Toward the end a big thunderstorm again passed over Minneapolis, and one lightning strike hit fairly close, it set off a car alarm about 5 cars down from me in the parking ramp! Worked a couple grand zombies, an Elvis, and one left-coaster, N6WG, tnx Bob, our QSO was busted by some major QRM all of a sudden! Didn't realize you were a TT2 until today.

The climax was working W1AW/QRP TT2 this afternoon on 20 on my way home.

72, Paul

Paul Goemans WA9PWP

1508 Sundt Lane Stoughton, Wi 53589

-----  
Date: Sun, 31 Oct 1999 19:23:32 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [54815] W1AW TT & SSB DX on 10M  
Message-ID: <19991101032332.26597.rocketmail@web703.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I had a nice mW - mW QSO with W1AW saturday evening on 14.060mHz. I was running 800mW to his 500mW. Yes it did make my evening too. Thanks to all involved in this fun Black cat event.

Took the HTX-100 mobile sunday afternoon and made a few SSB contacts just for fun. To see if I still remember how to use a microphone. Hi  
Useing 4watts ssb I worked a bunch of zone 8's, and

south Americans. All of Canada was easy with 4w SSB.  
It took 10W for KH7R.  
My antenna is a 4 ft fiberglass CB stick. I got it for  
afew bucks and pulled off some wire from the top  
winding untill I got good SWR's for all of 10M.

After that SSB madness, I dropped down to 28.060mHz and  
CQ'd for awhile. Made contacts easy because of the  
contest.

Check 10/15M for DX this week, & have fun. Jim KJ5TF

=====

Ham radio/alt energy <http://www.qsl.net/kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Arkansas QRP Club #2

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----

Date: Sun, 31 Oct 1999 22:26:48 -0500  
From: "Mike Pupeza" <mpupeza@csolve.net>  
To: <qrp-l@lehigh.edu>  
Subject: [54816] High Price QRP Rigs - NOT always!  
Message-ID: <000901bf2418\$ef8eee40\$28692fce@mpupeza>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fellow QRPers!

Here I go again! As a LONG time user of the SG-2020, and Happy with it, I  
offer this chunk of advice.

It appears that SGC is offering a \$50 rebate for the SG-2020, and another  
rebate if you buy their antenna tuner.

I don't know about the tuner, as I use the LDG QRP Tuner, BUT the price  
seems good for the radio.

Their SLP is \$675 with microphone, minus the \$50 Rebate offer makes it at  
most - \$625. Some dealers will probably sell at less!

The SG-2020, for or an All Band, Most Features, SOTA Radio, it does seem a  
good deal. I've used it for SSB, and Pactor, using Solar Panels, Batteries,

in RV's, Boats, Condo's, Home, and Mobile, with good results! My Yearly ARRL FD results, as 1B2-Bat station (VE3EQP - VE3IMG) show that I am not at the bottom! Since I use SSB QRP predominantly, and Pactor also, those are the modes that I can say that it works GREAT! For CW enthusiasts, I would say - TRY IT!

This guy comes with SSB, NB, Keyer, Mike, as standard - Nice machine!

No- I don't get any \$, nor am I involved with SGC. As a matter of fact, they were kind of ticked off at me for a while. I did complain of items that did not match their documents. That has been resolved!

Michael Pupeza VE3EQP  
Penetanguishene, ON  
Canada

-----  
Date: Sun, 31 Oct 1999 19:43:44 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-1@lehigh.edu>  
Subject: [54817] Nice turnout for the NORCAL QRP net!  
Message-ID: <19991101034344.17055.rocketmail@web116.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

This Sunday evening at 6pm sharp I started the NORCAL QRP net. Then promptly got blasted by local QRN and couldn't hear a thing! Thankfully Ed WE6W the net's backup, took over. I guess up in Santa Rosa things are pretty quiet. 8-)

Here are the checkins for tonights net;

AB6MB  
WE6W  
W6JHQ  
K8FF, All the way from OHIO!  
K7TQ from Moscow, Idaho  
W3CD  
AB5PZ  
W5XE

The NORCAL QRP will be running every Sunday night at 0200 UTC. So please come and join us!

72!

Jeff

=====

Jeff Jones  
AB6MB  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798  
Ghost Hunter  
Owner of the Delta MudCats fantasy baseball team  
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sun, 31 Oct 1999 22:51:53 EST  
From: Wa3ptg@aol.com  
To: qrp-l@lehigh.edu  
Subject: [54818] NETS: 80 meters  
Message-ID: <0.679f3816.254e6859@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Just finished a Pixie II transmitter for 80. Rig puts out a massive 490 mw.  
There are some nets on 3686.4 KHz. I need to know what nights and times.  
Thanks.

72  
WA3PTG  
Harry (Hap) Hurst  
Wilmington DE

-----  
Date: Sun, 31 Oct 1999 22:53:16 -0500  
From: radioham@erols.com  
To: n7cee@arrl.net, qrp-l@lehigh.edu  
Subject: [54819] QRP ARCI Miles Per Watt Records  
Message-ID: <3.0.6.32.19991031225316.007bcdc0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

There was a recent request for the latest version of the miles per watt  
records. Here they are - now it's your chance to break a record - make my

day. No new records in a couple of years - now's the time - especially for the higher bands with all those sunspots.

Hope this come out OK in text. E-mail me with any questions.

72/73,

Steve, N4EUK  
QRPARCI Awards Manager  
<http://www.qrparci.org>

Band	Award#	Awardee	Pwr	Other	Station	His	Pwr	Miles	MPW	Mode	Date
1.8 MHz	#244	G3VWK		20MW	GW4AEC	10MW	133		13,300		
	SSB	710525									
3.5 MHz	#1122	AA2U	613uW		CH9ASJ	QRO	522		851,549		
	CW	880203									
7 MHz	#1481	AA4XX	221uW		KA3WTF	5	452		2,045,249		
	CW	951226									
10 MHz	#914	AA2U	480uW		KW90	QRO	774		1,612,500	CW	
		841005									
14 MHz	#979	AA2U	80uW		N4RM	QRO	1,294		16,175,000		
	CW	840714									
18 MHz	#1298	K4TWJ	250MW		VK6HG	QRO	11,045		44,180		
	CW	920416									
21 MHz	#1455	G0IFK	39.9uW		K1RM	5	3,217		80,626,566		
	CW	910519									
24 MHz	#1256	JL1FXW	2		A35QC	QRO	4,889		2,445		
	SSB	900731									
28 MHz	#1178	K7IRK	6uW		WA6YPE	QRP	1,310				
		218,333,333	CW								
		891025									
50 MHz	#1149	J01XWH	0.05uW		JH1MBQ	4	6.71				
		134,200,000	AM		890503						
144 MHz	#1177	OK1DKW	160NW		OK10FK	QRO	14		87,500,000		

SSB  
870620

1296 MHz #894 KF4JU 150uW W40DW QRO 346 2,306,670  
CW 840429

5760MHz #1550 W1VT 155uW WB1FKF QRO 37 238,700 SSB  
960622

10 GHz #879 VK4ZSH 1MW VK4ZNC 1MW 124 124,000  
FM  
780414

-----  
Date: Sun, 31 Oct 1999 23:11:59 -0500  
From: radioham@erols.com  
To: wb5rue@stic.net, qrp-1@lehigh.edu  
Subject: [54820] RE: WAS 30 meters  
Message-ID: <3.0.6.32.19991031231159.007b3850@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Kevin-

QRP ARCI issues WAS awards for all bands, singly or in combination. A single band accomplishment would be endorsed as such and noted in the records. Also, if it was accomplished at the mw level, that would also receive an endorsement. Remember, QRP ARCI WAS awards are available at the 20, 30, 40 and finally 50 state levels, so you can get an award for your efforts as you go along.

Full details are at <http://www.qrparci.org>.

Please e-mail me if you have any questions.

Late breaking news - just heard an ad on TV for Erols Starpower - they ran some cw as part of the message and it sure sounded like CQ.

72/73,

Steve, N4EUK  
QRP ARCI Awards Manager

-----

Date: Sun, 31 Oct 1999 21:21:06 -0700  
From: "Rod Cerkoney" <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [54821] OPERATING: WATT2  
Message-ID: <006301bf2420\$86c0d100\$aa8611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Worked All Tuna Tin 2s! HAPPY DANCE!!!

My lucky day, got Ed on all of them (20, 30 & 40m) using my Icom or K2 here. Still trying for a Q with my TT2 it sits about 7043.

Thanks to ARRL and all the individuals who helped make the Black Cat event possible.

---

72/3 Rod, N0RC        Y2K -- FDIW, Ft Tuthill -- OR BUST!!! Maybe  
Atlanticon, too!  
da di dah

-----

Date: Sun, 31 Oct 1999 23:21:55 -0500  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [54822] Re: TT2 CASES  
Message-ID: <381D1563.4EB7@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael Bower - N4NMR wrote:

> I haven't built my TT2 but why does it need to be opened at both ends (top  
> and bottom?)? Just to get to the battery and other connectors?

The original was done that way. It makes it easier to do the internal wiring between the board and the sundry connectors.

73,  
Ed Hare, W1RFI



-----  
Date: Sun, 31 Oct 1999 20:27:02 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [54823] Re: Nice turnout for the NORCAL QRP net!  
Message-ID: <19991101042702.21906.rocketmail@web120.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- K7FD-N7SG <cqdx@teleport.com> wrote:  
> What frequency?  
> >The NORCAL QRP will be running every Sunday  
> night  
> >at 0200 UTC. So please come and join us!

Whoops! 8-)

7045

Jeff

=====  
Jeff Jones  
AB6MB  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798  
Ghost Hunter  
Owner of the Delta MudCats fantasy baseball team  
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sun, 31 Oct 1999 23:23:22 -0500  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [54824] Re: TT2 CASES  
Message-ID: <381D15BA.178C@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod Cerkoney wrote:

> > one of the W1AW TT2s is a can of powdered coconut

> Powdered coconut milk can! Get a rope! ;-)

Sigh... I can see I committed a major tactical error. :-)

Hey, I have the original, so I can afford not to be a purist! And I bought it for a dollar, if you remember the tale. :-)

73,  
Ed Hare, W1RFI

>

-----  
Date: Sun, 31 Oct 1999 23:31:05 -0500  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [54825] What a Weekend!  
Message-ID: <381D1789.1A12@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, guys and gals, it is finally over; I finally went more than 15 minutes on the air without getting called, so I packed it in. W1AW is all cleaned up and ready for visitors on Monday.

The grand total was 104 Qs on 20, 74 on 40 and 13 on 30 M, not a lot, but a lot of fun for each one. Power ranged from about 300 mW on 30 M to 800 mW on 40 M. The 3-el at 120 ft on 20 M and the 2-el at 100 ft on 40 M really helped.

I had a ball and tried to hear and work all comers. If you did call me and I didn't seem to hear you, let me know; I take pride in working 'em all, even if just in the noise. I know I lost a few due to pileups and timing, but that is inevitable.

The really neat part is that I heard lots of QRPers working each other all weekend. Great! This synergy between the Zombie Shuffle and the ARRL/ARCI Black Cat Tuna Tin 2 Revival was wonderful! No matter what, if at all possible, I want to put W1AW back on next year for the Shuffle and through the Halloween weekend.

Another neat part is that there were a lot of calls I didn't recognize

as QRPers, so some of the QRO types turned it down and worked us. Maybe we will get a convert or two.

Anyway, I gotta' get out of here and go home and make peace with my wife. Fortunately, she is rather understanding!

73 to all, late at night in the ARRL Lab!

73 from Ed "Tired" Hare, W1RFI and part of W1AW/QRP. Gosh, that sure had a nice ring to it on the air, didn't it?

-----  
Date: Mon, 01 Nov 1999 00:00:49 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [54826] Re: What a Weekend!  
Message-ID: <3.0.32.19991101000044.00b586c8@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>73 from Ed "Tired" Hare, W1RFI and part of W1AW/QRP. Gosh, that sure had  
>a nice ring to it on the air, didn't it?

Ed, Sure did! Tnx QSO and tnx for your efforts to enlighten the troops that you don't need a jillion watts.  
73 Pete NV4V

-----  
Date: Mon, 01 Nov 1999 16:17:16 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [54827] Re: Posts to the list  
Message-ID: <381D225C.823BB131@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Ed Hare, W1RFI" wrote:

> I would create a QRP-L folder and configure it to sort by subject. That way, I  
> could read what I was interested in and then clean out the folder when I was  
> done.

Precisely what I do. Works well for me Ed. I don't have any problems with this list at all, and, in any way at all.

73's

Ian Purdie VK2TIP "I'll give you the TIP mate" QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/> URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Sun, 31 Oct 1999 22:23:52 -0700  
From: "Rod Cercone" <[rwc@frii.com](mailto:rwc@frii.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [54828] Re: OPERATING: WATT2  
Message-ID: <008501bf2429\$61384540\$aa8611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

WOW:

Happy dance two! I fired up my own TT2 & called CQ, KJ7US, Preston from Tucson calls back & we have a nice chat my 579 to his 599, he was running 500 Watts, don't think he knew what a TT2 was ;-). Then as we finish, Ken, N4SO tail ends to say hello, gave me a 339, not bad, TU ken. Tell me Ken was my CW with a straight key as bad as I think? On second thought don't tell me. ;-)

Man this TT2 stuff really-really works.

My TT2 is putting out abt 1/2 watt on a fully charged Gel cell. Then quickly drops to 400-450mW & hold there as the cell voltage drops a little. HMMMM WAS A TT2 only 48 more to go!

Rod, N0RC Fort Collins, CO

----- Original Message -----

From: Rod Cercone <[rwc@frii.com](mailto:rwc@frii.com)>

To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Sent: Sunday, October 31, 1999 9:21 PM

Subject: OPERATING: WATT2

> Worked All Tuna Tin 2s! HAPPY DANCE!!!

>

> My lucky day, got Ed on all of them (20, 30 & 40m) using my Icom or

```
> here. Still trying for a Q with my TT2 it sits about 7043.
>
```

On Sun, 31 Oct 1999, Rod Cerkoney wrote:

So, would you call that the WATT2-SI? ;-) ;-) 80

Date: Sun, 31 Oct 1999 22:29:42 -0700  
From: "Rod Cerkoney" <rwc@frii.com>  
To: <w1rfi@arrl.net>, "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>  
Subject: [54830] Re: What a Weekend!  
Message-ID: <009101bf242a\$1d769400\$aa8611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Ed Hare, W1RFI <w1rfi@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, October 31, 1999 9:31 PM  
Subject: What a Weekend!

> Well, guys and gals, it is finally over; I finally went more than 15  
> minutes on the air without getting called, so I packed it in. W1AW  
is

....

> Anyway, I gotta' get out of here and go home and make peace with my  
> wife. Fortunately, she is rather understanding!  
>

....

An honorary ELVIS has left the airwave--GREAT JOB Ed.

---

72/3 Rod, NØRC        Y2K -- FDM, Ft Tuthill -- OR BUST!!!    Maybe  
Atlanticon, too!  
da di dah

-----

Date: Mon, 01 Nov 1999 01:14:10 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [54831] Re: Posts to the list  
Message-ID: <3.0.32.19991101011406.00b58244@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I

>> could read what I was interested in and then clean out the folder when I  
was

>> done.

>

>Precisely what I do. Works well for me Ed. I don't have any problems with  
this

>list at all, and, in any way at all.

>

>73's

>

>Ian Purdie VK2TIP "I'll give you the TIP mate" QRP-L member #1978.

>URL - <http://www.integritynet.com.au/~purdic/> URL -  
<http://www.qsl.net/vk2tip/>

Ian, That was a good statement about problems and I agree whole-  
heartedly. No matter where you go in life there will be different  
opinions and concerns....that's just the way it is. It causes one  
to think and makes life interesting. I think the list will survive

but hopefully with kindly statements by all. There just is no reason to get ugly if you disagree...lifes too short for that.

73 Pete NV4V

Let's get back to the "How many Amps in my 4AH battery" stuff.

-----  
Date: Sun, 31 Oct 1999 22:40:47 -0800  
From: "Dave" <kd6kwm@mindspring.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Cc: "Dave Willey" <kd6kwm@mindspring.com>  
Subject: [54832] KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
Message-ID: <000901bf2434\$08b5e160\$e2c8aec7@Dave>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

I am in the process of planning and building a "Trail Friendly Radio".  
I have most everything planned out except the wattmeter.

I have been seriously thinking about a WM-2 from OAK HILLS RESEARCH  
for my TFR. Specifically, I am interested in any feedback on the unit's  
ruggedness. (i. e. backpacking / climbing / etc.)

I like the features except I'm afraid what I might do to the analog meter  
movement. Does it have to ability to pass a small current through the  
meter coil to "lock", er, dampen the meter movement when not being  
used? (i. e. like a few of the better made analog VOM's back in the 70's?)  
I'd hate to slam the needle into it's stops with every step & jolt when  
outside.

Or does anyone know of a digital watt / SWR meter kit that I can work  
into my layout that will handle say 10 watts max down to milliwatt level?

Thanks,

Dave Willey - KD6KWM  
kd6kwm@mindspring.com  
Santa Rosa, CA.

(OK Chuck I hope I didn't miss

anything.)

-----

Date: Sun, 31 Oct 1999 22:59:48 -0800  
From: "jmb" <jmb@cruzio.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [54833] NT+ Fox -- A first timer this Tuesday Nite PST -- K6JMB -  
November 3rd 0400-0600Z  
Message-ID: <052001bf2436\$b04c0830\$a089e3a5@workstation>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

WOW --- This'll be my first shot at being a Fox!!! Really, my first try at anything that even looks like contesting. Duh....

I'm the N/T+ Fox this Tuesday November 2nd, 2000-2200 PST, Wednesday November 3rd, 0400-0600 Z on 40 Meters NT+

I'll call, "CQ FOX CQ FOX DE K6JMB K6JMB K6JMB K" My CW speed should be around 10-13 WPM. Please be a little patient with me as I get a little edgy at the start of a QSO and make mistakes, but I'm seriously workin' on it, seriously. So please bear with me. And I'll gladly QRS if you want of course.

I'll start calling on 7110kHz, and QSY up from there depending on conditions and whether I get replies.

My rig's an Elecraft K2 (Ser # 141), running 5 Watts to a homebrew inverted-V up about 25 feet and strung to trees off my upstairs deck. I'm surrounded by tall eucalyptus trees and am about 1/8 mile away from the ocean, back behind the Santa Cruz Small Craft Harbor. I also have an older HyGain Vertical mounted on my second floor deck rail, but generally don't use it as I seem to do a lot better with the V.

First handshake should be "K6JMB K6JMB DE <urcall> <urcall> <urcall> AR K", so that I know what to listen for. ;-)

Second handshake'll come from me, "<urcall> <urcall> DE K6JMB K6JMB <rst> <rst> 1845 1845 CA CA <urcall> <urcall> DE K6JMB K6JMB".

>From there, creativity and ingenuity take over.

...I can hardly wait.

And, I'll be back 3 other times during this week as Fox - sked to be posted here according to the rules (or whatever they're called).

This sounds like so much fun I can hardly stand it. C'mon out and hunt me



down.

72,  
Jim Boyle  
K6JMB

-----  
FISTS #6537 QRP-1 #1845 - Real men use microphones for doorstops

I'd rather die LIVING than live DYING...

-----  
Date: Mon, 01 Nov 1999 18:27:47 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54834] Posts to the list  
Message-ID: <381D40F3.9FF5023F@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

> Let's get back to the "How many Amps in my 4AH battery" stuff.

Nah! let's get back to VK2TIP's fantasy of W.A.S (US) with 250 mW on 30M

Hey, I'm serious.(50 wpm already yet).

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Sun, 31 Oct 1999 23:28:46 -0800 (PST)  
From: Christian Void <cvoid@netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54835] Re: Nice turnout for the NORCAL QRP net!  
Message-ID: <Pine.3.89.9910312342.A28033-01000000@netcom2.netcom.com>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 31 Oct 1999, Jeff wrote:

> The NORCAL QRP will be running every Sunday night  
> at 0200 UTC. So please come and join us!

I've never checked in to a cw net before. Does anyone have any pointers  
to information on cw nets? I'd like to learn before I brave those waters!

72/73 de Christian - KF6IHU/9

-----  
Date: Mon, 1 Nov 1999 02:30:43 EST  
From: KB90CE@aol.com  
To: qrp-l@lehigh.edu  
Subject: [54836] ATTENTION: YASUO ITOH  
Message-ID: <0.f4590b4.254e9ba3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth guys, but this is the only way I could think of to do  
this!

Yasuo -

Please email me your mailing address. I have been offline for most of October  
due to a series of computer problems...in the end my hard drive got fried and  
I've lost everything on it. Talk to you soon my friend!

73  
Mike

-----  
Date: Sun, 31 Oct 1999 23:59:40 PST  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: radman@best.com, qrp-l@Lehigh.EDU  
Subject: [54837] Re: "toroid" vs: "torroid" ?  
Message-ID: <19991101075941.76620.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>I'm puzzled! Are there two accepted spellings of "toroid?" ("toroid" and

>"torroid")  
>  
>There are \*numerous\* NASA, gov and JPL sites that reference "torroids."  
>OTOH, we hams seem to constantly correct each others spelling re: "toroid."  
>Is one spelling DoD or Britt perhaps? Is a "torroid" a different beast than  
>a "toroid?"  
>  
>Seems that it shouldn't take a rocket scientist to spell "torroid" ... ;-)

It must be 'toroid', since it comes from the latin 'torus'.

73, Leon

Leon Heller, G1HSM  
Tel (work): +44 1327 357824  
Tel (mobile): +44 79 9098 1221  
Email:leon\_heller@hotmail.com  
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Mon, 01 Nov 1999 03:23:32 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [54838] Re: Posts to the list  
Message-ID: <3.0.32.19991101032329.0072b5a4@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 06:27 PM 11/1/99 +1100, you wrote:

>Pete Burbank wrote:  
>  
>> Let's get back to the "How many Amps in my 4AH battery" stuff.  
>  
>Nah! let's get back to VK2TIP's fantasy of W.A.S (US) with 250 mW on 30M  
>  
>Hey, I'm serious.(50 wpm already yet).  
>  
>73's

>  
>Ian Purdie  
>VK2TIP "I'll give you the TIP mate"  
>QRP-L member #1978.  
>URL - <http://www.integritynet.com.au/~purdic/>  
>URL - <http://www.qsl.net/vk2tip/>

OK Mate , The gauntlet has been thrown....30 meters it is but let's start at 5 watts and work down from there. From the VK end, what is your best US reception time from central US. 0800utc? 10112 clear there? This should be fun ...  
Any other stations are welcome ...be very polite.  
73 Pete NV4V

-----  
Date: Mon, 1 Nov 1999 04:34:09 -0500  
From: aa5yx@juno.com  
To: kd6kwm@mindspring.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [54839] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
Message-ID: <19991101.043416.14118.0.aa5yx@juno.com>

On Sun, 31 Oct 1999 22:40:47 -0800 "Dave" <kd6kwm@mindspring.com> writes:  
>Hi All,  
>I am in the process of planning and building a "Trail Friendly Radio".  
>I have most everything planned out except the wattmeter.  
>Or does anyone know of a digital watt / SWR meter kit that I can work  
>into my layout that will handle say 10 watts max down to milliwatt  
>level?  
>  
>Thanks,  
>Dave Willey - KD6KWM

Hi Dave,

Last spring, for the very first time, I combined backpacking with QRP. I did a 3-day hike of the Appalachian Trail with my Norcal 40A and all the various support stuff - batteries, tuner, antenna, paddles, earphones. Not to mention the non-ham stuff. I really enjoyed it and over the summer I did several other similar trips, all of them very enjoyable.

The equipment held up well with no problems at all but with each trip, the idea of trimming down my gearlist has become more and more firmly entrenched in my mind. I don't want to carry a tuner and I want to start using AA batteries instead of C's. I can't imagine carrying a WM-2! Have you ever seen one of them? Huge, by backpacking standards.

To get away with not having a tuner on my trips, I'm going to build a \*tiny\* SWR meter (schematic in "QRP Notebook" or kit from Dan's Small Parts). This way I can throw my 34' wire up into the tree above my tent, lay out two ground radials and then measure the SWR. Then either add a little more wire or take some in to get the SWR flat. No tuner and its associated patch cable.

Whatever you decide to do though, I think you'll have fun with the combination of "camping con QRP". There's something amazing about being able to sit in a tent in the middle of nowhere and tap out Morse with some guy in England on 40m.

72,

John Harper AA5YX/2

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 1 Nov 1999 06:50:15 -0500 (EST)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com  
Subject: [54840] Antenna Model collections in .NEC & .EZ format  
Message-ID: <Pine.GS0.4.10.9911010642070.26081-100000@larry.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

There has been a need for exemplary models for both newer and experienced antenna modelers. I have gleaned from my accumulation sets of models that may serve as a foundation for modelers to build upon. The antenna designs consist of published or shared work or of original work by the collection compiler, but include no commercially available antennas.

Each set consists of over 50 models focused around a central antenna category. The available sets are these:

- 59 HF Yagis
- 53 Upper-HF Quads
- 52 HF LPDAs
- 54 Horizontal Phased/Parasitic Arrays
- 52 Lower-HF Horizontal Wire Antennas/Arrays
- 56 Lower-HF Vertical Antennas/Arrays
- 53 10-Meter Antennas

--58 VHF/UHF Antennas</b>

Each model is represented by a version in .EZ format for use with EZNEC and by one in .NEC format for use with NEC-Win Plus and other implementations of NEC-2/NEC-4. .EZ versions are largely in English units, while .NEC versions are metric. Virtually every model can be effectively scaled from the frequency of design to a desired frequency, with care to adjusting the element diameter(s) as well as element lengths. These models are not finished products. The primary intention is to provide models that allow you to study antenna types and their performance.

The models--as individual sets or as a complete collection--are available from AntenneX (<http://www.antennex.com/Sshack/collect.htm>). Fuller information on each set is available at my site under "modeling aids."

I hope this is useful to some one.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	Tel: (423) 938-6335
1434 High Mesa Drive	/	\	\	----	/	---	
Knoxville, Tennessee	/\	\	\	/	/		<a href="http://www.cebik.com">http://www.cebik.com</a>
37938-4443 USA	/	\	\	\			e-mail: <a href="mailto:cebik@utk.edu">cebik@utk.edu</a>

-----

Date: Mon, 01 Nov 1999 07:58:18 -0500  
From: Brian <brian@iquest.net>  
To: jmb@cruzio.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54841] Re: NT+ Fox -- A first timer this Tuesday Nite PST -- K6JMB - November 3rd 0400-0600Z  
Message-ID: <381D8E69.649A2EE6@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim,

Last year I was an N/T+ fox for two different fox sessions. Get a seatbelt. It was the most terrifying task I had ever faced. When you call CQ, be prepared for the hounds, they are a desperate bunch and the

screaming frenzy that begins at the end of your CQ is a constant scream for the entire two hours. Your head will hurt, your hands will be numb, but it'll be the most fun you ever had. The shaking stops after a few hours...but you won't be able to go to sleep for a couple of days!

Gud luck...I'll try to trap you myself. BTW, after my second Fox session I upgraded to general and advanced to the General Fox hunt as a fox there. Even more terrifying!

72 OM - ur gonna need it!

jmb wrote:

>  
> WOW --- This'll be my first shot at being a Fox!!! Really, my first try at  
> anything that even looks like contesting. Duh....  
>  
> I'm the N/T+ Fox this Tuesday November 2nd, 2000-2200 PST, Wednesday  
> November 3rd, 0400-0600 Z on 40 Meters NT+  
>  
> I'll call, "CQ FOX CQ FOX DE K6JMB K6JMB K6JMB K" My CW speed should be  
> around 10-13 WPM. Please be a little patient with me as I get a little edgy  
> at the start of a QSO and make mistakes, but I'm seriously workin' on it,  
> seriously. So please bear with me. And I'll gladly QRS if you want of  
> course.  
>  
> I'll start calling on 7110kHz, and QSY up from there depending on conditions  
> and whether I get replies.  
>  
> My rig's an Elecraft K2 (Ser # 141), running 5 Watts to a homebrew  
> inverted-V up about 25 feet and strung to trees off my upstairs deck. I'm  
> surrounded by tall eucalyptus trees and am about 1/8 mile away from the  
> ocean, back behind the Santa Cruz Small Craft Harbor. I also have an older  
> HyGain Vertical mounted on my second floor deck rail, but generally don't  
> use it as I seem to do a lot better with the V.  
>  
> First handshake should be "K6JMB K6JMB DE <urcall> <urcall> <urcall> AR K",  
> so that I know what to listen for. ;-)  
>  
> Second handshake'll come from me, "<urcall> <urcall> DE K6JMB K6JMB <rst>  
> <rst> 1845 1845 CA CA <urcall> <urcall> DE K6JMB K6JMB".  
>  
> >>From there, creativity and ingenuity take over.  
>  
> ...I can hardly wait.  
>  
> And, I'll be back 3 other times during this week as Fox - sked to be posted  
> here according to the rules (or whatever they're called).

>  
> This sounds like so much fun I can hardly stand it. C'mon out and hunt me  
> down.  
>  
> 72,  
> Jim Boyle  
> K6JMB  
> -----  
>  
> FISTS #6537 QRP-1 #1845 - Real men use microphones for doorstops  
>  
> I'd rather die LIVING than live DYING...

--

=====  
KB9BVN :NORCAL #2792 FISTS #5695/CC# 764 QRP-L #1540  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - TenTec Scout - Attic Dipole - 5w  
Proud member of the American Radio Relay League  
Foxhunting Team UNDERDOG - Underdog #4  
=====

-----  
Date: Mon, 01 Nov 1999 09:01:12 -0500  
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
To: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [54842] Pancake magnets...  
Message-ID: <381D9D28.7E027554@eng14.rochny.uspra.abb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,  
Does anybody know where I can get the large 5 inch pan cake magnets?  
My 5/8 wave 2 meter ant fell off and the magnet broke into a few peaces.  
I forgot who made the antenna.

Thanks.

Tom kv2x

-----  
Date: Mon, 1 Nov 1999 06:05:56 -0800  
From: Dave Barrett <DBarrett@creo.com>  
To: "'jmlowman@ix.netcom.com'" <jmlowman@ix.netcom.com>, Low Power Amateur Radio  
Discussion <qrp-1@Lehigh.EDU>



Subject: [54843] RE: Distinguish QRP+ from QRP++ ??  
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE6E9691C@msgcreo3.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Morni'n Jim and gang

The most efficient way to determine which model you've got and which revision is to call or email Stan Yarema, he was Bruce Franklin's production line manager and is currently doing all service for the beast. He has all info on different models and revisions by serial number.....

Stan Yarema, 206 285 8941, email: bg783@scn.org his call is K7SY and his postal address is: 3457 12th Avenue West Seattle WA 98119  
Hope this helps.....

Dave VE7PCC Vancouver BC Canada

-----Original Message-----

From: Jim Lowman [mailto:jmlowman@ix.netcom.com]  
Sent: Sunday, 31 October, 1999 3:29 PM  
To: Low Power Amateur Radio Discussion  
Subject: Distinguish QRP+ from QRP++ ??

-----  
Date: Mon, 01 Nov 1999 09:01:46 -0500  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [54844] Re: What a Weekend\!  
Message-ID: <381D9D4A.721E@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed Hare, W1RFI wrote:

> The really neat part is that I heard lots of QRPers working each other  
> all weekend. Great! This synergy between the Zombie Shuffle and the  
> ARRL/ARCI Black Cat Tuna Tin 2 Revival was wonderful!

I got to thinking about this on the way home; the synergy included a lot more than just the Zombies and Black Cats. It started with DeMaw, who designed the TT2, continued through me, who lost and found it, through the various clone designs (W6TOY and Norcal) and through the Black Cat TT2 Revival and the Zombie Shuffle, all coming together, with the help of Paul and Bruce, who worked out the ways to turn two separate events into a weekend that I trust everyone enjoyed.

You know, that old "we all should work together" saying is more than just a cliché; I saw for myself this weekend what can happen when we do! We may have our differences of opinions from time to time, but underneath it all, we all have our love of radio -- and our love of QRP -- that gives us a lot of common ground!

73,  
Ed Hare, W1RFI

-----  
Date: Mon, 1 Nov 1999 06:11:00 -0800  
From: "Dave" <kd6kwm@mindspring.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [54845] KITS: TFR and WM-2 ==> WATT METER <=  
Message-ID: <001f01bf2472\$f8c20600\$efc9aec7@Dave>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well I should explain in slightly more detail from my 1st post.

I've already received several replies, you all are fast!

What I was trying to look for was info on the WM-2 watt meter from Oak Hills Research and how reliable it was in a "non-desktop", outside in the heat/mud/rain - "climb to the mt. top no matter what" jarring event.

Several of you responded suggesting SWR meters. I'm going to use a Emtech ZM-2 tuner as I've got one now and am very happy with it. And another Red Hot Radio 40 if I can ever get the time to finish the 1st one.

Batteries, earbuds, antenna and key, everything in one box w/ few wires is what I'm hoping to come up with. Same as the Adventure Society's Trail Friendly Radios.

The last part of my "puzzle" was a QRP to QRPP watt meter. I like the WM-2 'cept I'm afraid I'll break the meter movement climbing / backpacking etc.

Any thoughts on a WM-2, or a alternative WATT METER?  
(Yes it can other functions like say a SWR, S - meter etc.)

Thanks,

Dave Willey - KD6KWM  
kd6kwm@mindspring.com  
Santa Rosa, CA.

-----  
Date: Mon, 01 Nov 1999 05:15:43 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: w1rfi@arrl.net, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [54846] Re: What a Weekend\! - QRP-L and Synergy  
Message-ID: <381DA08F.4035ED93@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed makes a good point on synergy. The strong synergy was helped along in an extremely significant way by QRP-L. I have noticed a large drop off in posting here and I am beginning to worry. Are people now afraid to post? I, for one, did not post Zombie info on my 44 Qs because of my concern that it did not belong here. If we move into that mode the synergy is lost.

I will use my filters and delete key where necessary...I want to hear from my friends.

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@qsl.net>  
ICQ 11022915 (Info at <http://www.icq.com/> )

"Ed Hare, W1RFI" wrote:

>

> Ed Hare, W1RFI wrote:

>

> > The really neat part is that I heard lots of QRPers working each other  
> > all weekend. Great! This synergy between the Zombie Shuffle and the  
> > ARRL/ARCI Black Cat Tuna Tin 2 Revival was wonderful!

>

> I got to thinking about this on the way home; the synergy included a lot  
> more than just the Zombies and Black Cats.

-----  
Date: Mon, 01 Nov 1999 09:18:07 -0500  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [54847] ZOMBIE:Results  
Message-ID: <381DA11F.79B6E6C1@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Worked only 11 of the living dead. Used a stock HW-7 that will not die. Did 20 meters until the Canadian SWBC wiped out the HW-7. Switched to 40 but the DC receiver with the two sidebands makes it tuff when everyone is packed tight on one frequency. Two big highlights were working Elvis from Alaska and W1AW on Sunday between yard chores. Thanks to everyone.

Ed Kwik AB8DF

-----  
Date: Mon, 1 Nov 1999 08:35:53 -0600  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: <radioham@erols.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [54848] RE: WAS 30 meters  
Message-ID: <000501bf2476\$672c4a80\$ef5d6f81@uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm sorry, I wasn't aware of this. It was my understanding that part of the original allocation "rules" or more appropriately "suggestions," was some wording that there was to be no "contesting" on the WARC bands. I understand that contacts on these bands do count toward non-specific awards like WAS, DXCC, etc. but that contacts on the WARC bands do not count for any of the "5Band" awards like "5BWAS" or "5BDXCC." Also that there would be no WARC band specific endorsements like WAS-30 or DXCC-30. I guess it is up to the individual club or organization to uphold or disregard these agreements. No I am not saying that QRP ARCI is "bad" for doing this so let's not go there.

72/73

Kevin, WB5RUE

Leeniers? We dunt need no steeking leeniers!

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> radioham@erols.com

> Sent: Sunday, October 31, 1999 10:12 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: WAS 30 meters

>

>

> Kevin-

>

> QRP ARCI issues WAS awards for all bands, singly or in combination. A

> single band accomplishment would be endorsed as such and noted in the

> records. Also, if it was accomplished at the mw level, that

> would also

> receive an endorsement. Remember, QRP ARCI WAS awards are

> available at the

> 20, 30, 40 and finally 50 state levels, so you can get an

> award for your

> efforts as you go along.

>

> Full details are at <http://www.qrparci.org>.

>

> Please e-mail me if you have any questions.

>

> Late breaking news - just heard an ad on TV for Erols

> Starpower - they ran

> some cw as part of the message and it sure sounded like CQ.

>

> 72/73,

>

> Steve, N4EUK

> QRP ARCI Awards Manager

>

>

-----  
Date: Mon, 1 Nov 1999 08:38:08 -0600

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <w5usj@globeco.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [54849] RE: WAS 30 meters YES...

Message-ID: <000601bf2476\$b79fb060\$ef5d6f81@uthscsa.edu>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I do understand the "puff puff" factor of getting WAS on 30 or 12 or whatever. I just didn't think that there were any official awards given for such things.

72/73

Kevin

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Chuck Carpenter  
> Sent: Sunday, October 31, 1999 10:05 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: WAS 30 meters YES...  
>  
>  
> QRP-Lers,  
>  
> WAS on 30 meters.  
>  
> Here's what the ARRL rules say about it.  
>  
> "Any or all bands may be used for general WAS"  
>  
> So it sounds like you could get a WAS for 30 meters if you wanted to.  
>  
> "Endorsement stickers for the basic mixed mode/band award and  
> any of the  
> specialty awards are available for SSB, CW, Novice, QRP,  
> Packet, EME and  
> any single band except 30 meters. "  
>  
> For DXCC and 5BDXCC, 30 meters is excluded.  
>  
> As Dieter sez, do it for yourself and for the personal  
> pleasure. It's a  
> really nice band and CW only to boot.  
>  
>  
>  
>  
> Chuck Carpenter, EM22cv, Point, Rains County, Texas  
>

-----  
Date: Mon, 01 Nov 1999 10:40:58 -0400  
From: Dave Marling <dbm@klis.com>  
To: jennings@eng14.rochny.uspra.abb.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54850] Re: Pancake magnets...  
Message-ID: <381DA67A.150EDA60@klis.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Does anybody know where I can get the large 5 inch pan cake magnets?

One source of (possibly usable) magnets is from defective 30 watt exterior burglar alarm sirens. Contact a local alarm dealer and see if they will save a few for you.

Dave  
VE1VQ

--  
Life is a wonder - live it!

-----  
Date: Mon, 01 Nov 1999 09:42:05 -0500  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Cc: w1aw@arrl.org  
Subject: [54851] Re: Thanks  
Message-ID: <381DA6BD.19B5@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

> Guys,

> This weekend Ed Hare has made it possible for many of you to work  
> W1AW/QRP and the original Tuna Tin2 Plus clones on 30 and 20 meters. Ed  
> had some help yesterday, but today Ed has carried the load entirely by  
> himself. I believe we all owe him a vote of thanks. I encourage you to  
> all send him emails saying so at <W1RFI@ARRL.ORG>.

The emails are coming in, Bruce, and thanks to all who send them. They can actually do some good for QRP, too; I will cc the W1AW staff AND each QRPers ARRL Division Director in my responses! Let's demonstrate that QRPers are avid about QRP and appreciate such operating events.

Of course, Bruce, you realize that many of those sending the emails feel as much jealousy as appreciation! How many folks would LOVE to spend an afternoon and evening operating W1AW/QRP using the 3-element Yagi at 120 feet on 20 M and the 2-element Yagi at 100 feet on 40? I could REALLY get spoiled by those antennas; my dipole at home does not seem the same. :-)

Hmmmm.... maybe W1AW/QRP should show up in a few more of these QRP events and contests. Should I give them back the key? :-)

73,  
Ed Hare, W1RFI  
>  
> >From me, thanksa bunch, ED!  
>  
> 73

-----  
Date: Fri, 29 Oct 1999 16:17:55 -0500  
From: Clifton W Sikes <ab5uacw@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [54852] FOX: Tonight, AB5UA ( 2 Nov. 0100-0300 UTC )  
Message-ID: <19991029.161757.6654.3.ab5uacw@juno.com>

A short reminder. I'll be on tonight, 0100-0300, between 7.042-7.046. I will QSY, if QRM gets tuff. I will use RIT, so call me high, call me low, just call! The time change went in my favor, so I should be able to stay awake. I have e-mail only, here at work, so the log will be up on Tuesday morning.

Good Luck,

Clif AB5UA  
Earlsboro, Ok ( east of OKC )

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.



-----  
Date: Mon, 1 Nov 1999 10:10:40 -0500  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [54853] KITS: HW-7 broadcast invasion  
Message-ID: <66FCE0D1DF76D311913800805F6D0FA31BFAD1@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

Rick and others. I have the HW-7, HW-8 and HW-9 and HSC PIXIE. They all suffer from broadcast bleedthrough (BCI) a longwire (120 ft) antenna and live in a metro area with lots of AM stations. With the Solar Flux up there are Foreign/US HF broadcast stations in the 5mHz, 6mHz and 7 mHz bands that are putting S9+50dB signals in to my ICOM756.

For local AM broadcast BCI use a simple HI-pass filter with a cut-off about 3.0 mHz. there are several circuits in any ARRL Handbook as well as other references. (Everyone should have a Handbook that's not more than 5 years old. right?)

For specific HF band interference you can build a simple LC serial NOTCH filter (in parallel) and tune it out. Again the Handbook has examples.

I have a three notch filter for my simple PIXIE. I had all the problems listed above. The filter is used for TX and RX and I lose a couple of dB on TX but the RX is clean.

Check out my web page section for the PIXIE schematic. You may only need to build a one section filter. Experiment.

Sam Billingsley AE4GX Atlanta, GA  
personal web page at <http://ae4gx.home.mindspring.com/>  
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Subject: HW-7 broadcast invasion ?  
kc8aon@juno.com  
Date: Sat Oct 30 1999 - 09:27:08 EDT

Does anyone on the list know of a mod for the HW-7 to increase selectivity, the broadcast stations come thru loud and clear sometimes and know matter where I tune the VFO, I still hear the same broadcast station. Of course I can tune around and hear different Amateur stations, but the broadcasters make it hard for weak signal work! Haven't put the rig on the air yet, would like to get it receiving better first.

>>>>snip>>>

Rick....kc8aon@juno.com

-----  
Date: Mon, 01 Nov 1999 08:15:37 -0700  
From: Bruce Grubbs N7CEE <n7cee@arrl.net>  
To: evines@garlic.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [54854] Re: Help-BNC 50 OHM Terminator  
Message-ID: <3.0.5.32.19991101081537.009c0b10@earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I use BNC terminators as dummies no problem, but I do keep the transmit times short.

72

Bruce N7CEE  
n7cee@arrl.net

-----  
Date: Mon, 1 Nov 1999 09:40:19 -0600 (CST)  
From: "Kevin L. Anderson" <kla@helios.augustana.edu>  
To: qrp-l@lehigh.edu  
Subject: [54855] FOX: Foxii, Please Note Digest \*early\* Mailing Time  
Message-ID: <Pine.SOL.3.96.991101092918.18320A-1000000@helios.augustana.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Foxii:

A gentle reminder -- please realize that Jim E. currently has the digest version of the QRP-L list start distributing right around 7 p.m. local Eastern time. Therefore, all notices of your operating schedule or change in schedule need to be into the QRP-L list before 7 p.m. local Eastern time in order to get out that day; otherwise your notice will not appear to the digest readers until the following evening. (For instance, the notices about changes from Mary to Ron didn't get out until the Tuesday digest last week.)

Also note that because of the size of the digest mail message (or messages for those of us that read the list via Juno, like

I do at home) and the number of digest subscribers, it is not unusual for it to take some time (like 30 minutes to 1-1/2 hours, depending upon net traffic) before it finally arrives in our mailboxes. That means I usually need to wait until 7:30 p.m. local Central time (now 0130 UTC) to dial into Juno if I want to insure receiving that day's digest. It is therefore easy for me and other digest readers to miss late-timed notices.

Thank you for considering the needs of digest readers.  
Now back to the foxhunt!

Cheers/73. Kevin, KB9IUA, Rock Island IL  
home: KB9IUA@juno.com (normally for QRP-L)  
work: kla@helios.augustana.edu or gganderson@augustana.edu

-----  
Date: Mon, 1 Nov 1999 10:44:03 -0500  
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [54856] 160 Meters QRP  
Message-ID: <001901bf247f\$edc59a20\$6401020a@lsiindustries.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi folks,

Im wondering who out there works 160 meters qrp. When I get my 160 meter option for my K2, it will be another mode to try. I'm even organizing a 160 meter antenna party at my QTH to put up a full wave horizontal loop (520 feet or so).

What is 160 like in summer vs winter from OHIO at 5 watts?

73 - Dieter (DIZ) Gentzow - WB8QYY  
Loveland, Ohio (NE Cincinnati suburb)  
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493  
mailto:wb8qyy@one.net  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----

Date: Mon, 1 Nov 1999 10:53:01 -0500 (EST)  
From: igeq100@iupui.edu  
To: Dave <kd6kwm@mindspring.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54857] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
Message-ID: <Pine.HPP.3.96.991101105001.20147B-100000@ruby.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave -

I think that you could get good meter protection by just applying a (switchable or removable) dead short across the meter. I think that this is the way the VOM's were protected, and many good-quality meter movements were (are) shipped with a shorting wire across the terminals.

73,

Richard Meiss, WB9LPU  
Speedway, IN 46224

On Sun, 31 Oct 1999, Dave wrote:

> Hi All,  
>  
> I am in the process of planning and building a "Trail Friendly Radio".  
> I have most everything planned out except the wattmeter.  
>  
> I have been seriously thinking about a WM-2 from OAK HILLS RESEARCH  
> for my TFR. Specifically, I am interested in any feedback on the unit's  
> ruggedness. (i. e. backpacking / climbing / etc.)  
>  
> I like the features except I'm afraid what I might do to the analog meter  
> movement. Does it have to ability to pass a small current through the  
> meter coil to "lock", er, dampen the meter movement when not being  
> used? (i. e. like a few of the better made analog VOM's back in the 70's?)  
> I'd hate to slam the needle into it's stops with every step & jolt when  
> outside.  
>  
> Or does anyone know of a digital watt / SWR meter kit that I can work  
> into my layout that will handle say 10 watts max down to milliwatt level?  
>  
> Thanks,  
>  
> Dave Willey - KD6KWM  
> kd6kwm@mindspring.com  
> Santa Rosa, CA.

(OK Chuck I hope I didn't miss

> anything.)

>

>

>

-----  
Date: Mon, 1 Nov 1999 10:57:48 -0500 (EST)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com,  
antennas@qth.net, antennaware@contesting.com  
Subject: [54858] Further on the collections  
Message-ID: <Pine.GS0.4.10.9911011036330.24776-100000@moe.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have had some questions about the collections of .EZ and .NEC files that may be more general in interest.

1. The files are for NEC-2 and other advanced NEC cores. They are not designed for MININEC system. Numerous of them use the NEC transmission line (TL) facility, which is not a part of MININEC 3.13. Some specify the Sommerfeld-Norton ground system which is also not a part of MININEC. Hence, it is doubtful whether these files, even with renaming and/or modifications would be successfully run on a MININEC system. Examples of MININEC 3.13 programs are ELNEC, AO (MN), and NEC4WIN.

2. I have tested the files on EZNEC and on NEC-Win programs of various types. NEC-Win uses a standard .NEC input file, which is an ASCII file that is readable in any ASCII viewer. I have not tried the files in NWires, since the program is no longer marketed. Should anyone care to make the test, here is a sample file (originally named B-VERT.NEC, but you may extract it in ASCII and name it anything). It has just a bit of geometric complexity, material losses, and a split feed, but does not test every possible NEC feature. At best, it would be an indicator of success or failure.

CM B-ant.: vertical

CE

GW 1,15,0.,0.,9.91937,0.,0.,9.17074,.00103

GW 2,25,0.,0.,9.17074,.74863,0.,9.91937,.00103

GW 3,25,.74863,0.,9.91937,0.,0.,10.668,.00103

GW 4,25,0.,0.,10.668,.74863,0.,11.4166,.00103

GW 5,25,.74863,0.,11.4166,0.,0.,12.1652,.00103

GW 6,15,0.,0.,12.1652,0.,0.,11.4166,.00103

GE 1

LD 5,1,0,0,5.7471E+7,1.

```

LD 5,2,0,0,5.7471E+7,1.
LD 5,3,0,0,5.7471E+7,1.
LD 5,4,0,0,5.7471E+7,1.
LD 5,5,0,0,5.7471E+7,1.
LD 5,6,0,0,5.7471E+7,1.
FR 0,1,0,0,28.5
GN 2,0,0,0,13.,.005
EX 0,3,25,0,.707107,0.
EX 0,4,1,0,.707107,0.
RP 0,181,1,1000,90.,0.,-1.,0.,0.
EN

```

3. The files do have a cost attached, since they are sold through AntenneX and not by me and since they are the product of a decade's work in modeling antennas. A number of the files appear in printed file or model description form at my site in various articles, and these are free to anyone who wishes to enter the model data into his or her program. Small collections of sample files exist in .EZ format at Ray Anderson's site and in .NEC format at the Nittany-Scientific site--both linked from my site in the first antenna modeling items. I have been a major contributor to both collections, but they each do not exceed about 3 dozen files total. The current collections are considerably larger and more diverse--however, no collection could ever be comple.

I hope this clears up a number of questions, but I'll be glad to field others.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	Tel: (423) 938-6335
1434 High Mesa Drive	/	\	\	----	/	----	
Knoxville, Tennessee	/\	\	\	/	/		<a href="http://www.cebik.com">http://www.cebik.com</a>
37938-4443 USA	/	\	\	\			e-mail: <a href="mailto:cebik@utk.edu">cebik@utk.edu</a>

-----

Date: Mon, 01 Nov 1999 09:05:16 -0700  
From: Roy <[marion@montana.com](mailto:marion@montana.com)>  
To: [wb8qyy@one.net](mailto:wb8qyy@one.net)  
Cc: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [54859] Re: 160 Meters QRP  
Message-ID: <199911011605.JAA18487@mail.montana.com>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:44 AM 11/1/99 -0500, you wrote:

>Hi folks,

>

>Im wondering who out there works 160 meters qrp. When I get my 160 meter  
>option for my K2, it will be another mode to try. I'm even organizing a 160  
>meter antenna party at my QTH to put up a full wave horizontal loop (520  
>feet or so).

>

>What is 160 like in summer vs winter from OHIO at 5 watts?

>

>73 - Dieter (DIZ) Gentzow - WB8QYY

I have had alot of Qrp Contacts on 160mtrs starting with my Sierra. I have  
alot more success on 160 than 80mtrs. Have not had any luck with SSB yet,  
But CW works like I am running power. So far I have made a contact with all  
CW I have heard on 160, as far as Texas from here in Montana. Just most of  
the time nobody is on. Hope to see you there. 73 Roy AB7CE

-----  
Date: Mon, 1 Nov 1999 08:27:12 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-1@lehigh.edu>  
Subject: [54860] NORCAL QRP NET time correction  
Message-ID: <19991101162712.22577.rocketmail@web107.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

> > The NORCAL QRP will be running every Sunday  
> night  
> > at 0200 UTC. So please come and join us!

That's every Monday Night at 0200 UTC or 1800 PST  
Sunday nights. Sheesh, there's times I hate UTC.  
8-)

72!

Jeff

=====  
Jeff Jones  
AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798  
Ghost Hunter  
Owner of the Delta MudCats fantasy baseball team  
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Mon, 1 Nov 1999 09:39:55 -0700  
From: dschneider2@uswest.net  
To: qrp-l@Lehigh.EDU  
Subject: [54861] test  
Message-ID: <199911011640.LAA10350@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

test de abocd..  
Dick Schneider/Source Media Arts LLC

-----  
Date: Mon, 01 Nov 1999 16:49:31 GMT  
From: k1vp@lawson-philpot.com  
To: qrp-l@lehigh.edu  
Subject: [54862] Sweeps software  
Message-ID: <19991101.16493143@office4.office.new>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

I know some logging programs such as TR have the  
ability to log the ARRL Sweeps. However, I am looking for=20  
a simple standalone program for the Sweeps that runs under DOS.  
Does anyone know of such an animal?

TIA

Ed Lawson  
K1VP



Date: Mon, 1 Nov 1999 11:43:28 -0500  
From: "KC1DI" <elbc@pivot.net>  
To: <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [54863] Re: 160 Meters QRP  
Message-ID: <000f01bf2488\$62b8e5a0\$2b11a1d0@mine1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Roy,  
160m is a good band, but from an operating standpoint slow.. summer isn't  
real good not because contacts can't be made but there are alot of ham that  
get on it.. I Run a 520 ft Loop here with good results , even some dx with  
5w.  
got 32 state confirmed qrp so far..  
Have fun  
73 Dave kc1di

----- Original Message -----  
From: Roy <marion@montana.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, November 01, 1999 11:05 AM  
Subject: Re: 160 Meters QRP

> At 10:44 AM 11/1/99 -0500, you wrote:  
> >Hi folks,  
> >  
> >Im wondering who out there works 160 meters qrp. When I get my 160 meter  
> >option for my K2, it will be another mode to try. I'm even organizing a  
> 160  
> >meter antenna party at my QTH to put up a full wave horizontal loop (520  
> >feet or so).  
> >  
> >What is 160 like in summer vs winter from OHIO at 5 watts?  
> >  
> >73 - Dieter (DIZ) Gentzow - WB8QYY  
>  
> I have had alot of Qrp Contacts on 160mtrs starting with my Sierra. I have  
> alot more success on 160 than 80mtrs. Have not had any luck with SSB yet,  
> But CW works like I am running power. So far I have made a contact with  
> all  
> CW I have heard on 160, as far as Texas from here in Montana. Just most of  
> the time nobody is on. Hope to see you there. 73 Roy AB7CE  
>

-----  
Date: Mon, 1 Nov 1999 08:46:19 -0800  
From: "Bruce" <Bruce2@prodigy.net>  
To: <qrp-l@lehigh.edu>  
Subject: [54864] Sale MFJ Tunable DSP filter Model MFJ 784B  
Message-ID: <007d01bf2488\$a0990bc0\$19809cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This unit REALLY helps the noise reduction and selectivity on small QRP units or even factory built units.

Good as brand new and perfect. Used very little. Original box and manuals. Rig has full DSP don't use and it is just collecting dust. \$170. I will ship.

Bruce WB4WZL

-----  
Date: Mon, 1 Nov 1999 11:45:29 EST  
From: AD6EZ@aol.com  
To: qrp-l@lehigh.edu  
Subject: [54865] QRP-F  
Message-ID: <0.218ca591.254f1da9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gang -

At PacifiCon last month I heard that Chuck was going to eliminate all non-QRP emails from QRP-L and a new reflector, QRP-F, was going to be set for all other traffic. The new reflector was going to be in operation as of November 1, 1999. Has this happened and I missed the announcement? Or is it still in the works?

73 es God Bless de Denny AD6EZ <><  
Goleta, CA

Date: Mon, 1 Nov 1999 11:55:55 EST  
From: AD6EZ@aol.com  
To: qrp-1@lehigh.edu  
Subject: [54866] AOL Timers  
Message-ID: <0.d297ab21.254f201b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gang -

Wait ... I know a lot of you folks out there HATE AOL. This email is not intended for you so you can delete now!

This Email is intended for those of you that are using AOL and have upgraded to version 5.0. Has anyone found software that worked like the old POPUP program that cancelled the "Timers" that ask if you still want to remain on line? I have one that worked fine with version 4.0 but 5.0 is another matter. Any info would be appreciated.

Please - no emails suggesting that I drop AOL for a "better" provider. They all have their problems, I know - my clients have various ISP's and none are problem-free; but some are better than others (:8^>)

73 es God Bless de Denny AD6EZ <><  
Goleta, CA

-----

Date: Mon, 01 Nov 1999 11:00:38 -0600  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: marion@montana.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [54867] Re: 160 Meters QRP  
Message-ID: <3.0.2.32.19991101110038.007be800@bosshog.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Roy et al,

What frequencies do you use on 160? I haven't been on 160 in a while and I'm hearing CW comingled with SSB.

I've fairly goo luck connecting the coax and center conductor together and using that on 160 for CW.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----  
Date: Mon, 01 Nov 1999 11:03:11 -0600  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: AD6EZ@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [54868] Re: QRP-F  
Message-ID: <3.0.2.32.19991101110311.00800380@bosshog.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Denny,

Yep it did and then some...

Check here:

<http://www.e-discounter.net/qrp-parci/>

Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----  
Date: Mon, 1 Nov 1999 09:45:33 -0700  
From: Bob Nielsen <nielsen@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [54869] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
Message-ID: <19991101094533.A17489@bob.localnet>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

On Sun, Oct 31, 1999 at 10:40:47PM -0800, Dave wrote:

> Hi All,  
>  
> I am in the process of planning and building a "Trail Friendly Radio".  
> I have most everything planned out except the wattmeter.  
>  
> I have been seriously thinking about a WM-2 from OAK HILLS RESEARCH  
> for my TFR. Specifically, I am interested in any feedback on the unit's  
> ruggedness. (i. e. backpacking / climbing / etc.)

For a TFR, I envision small and light. IMHO, a power meter would be superfluous here.

>  
> I like the features except I'm afraid what I might do to the analog meter  
> movement. Does it have to ability to pass a small current through the  
> meter coil to "lock", er, dampen the meter movement when not being

> used? (i. e. like a few of the better made analog VOM's back in the 70's?)  
> I'd hate to slam the needle into it's stops with every step & jolt when  
> outside.

I'm not sure I'd want to drain my battery for that. Actually some of the more sensitive meters just short out the coil and any movement creates a current which dampens the motion by trying to force a movement in the opposite direction. You often find meters shipped with a shorting wire attached.

>  
> Or does anyone know of a digital watt / SWR meter kit that I can work  
> into my layout that will handle say 10 watts max down to milliwatt level?  
>  
> Thanks,  
>  
> Dave Willey - KD6KWM  
> kd6kwm@mindspring.com  
> Santa Rosa, CA. (OK Chuck I hope I didn't miss  
> anything.)  
>  
>  
>

--  
Bob Nielsen Internet: nielsen@primenet.com  
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org  
DM42nh http://www.primenet.com/~nielsen

-----  
Date: Mon, 1 Nov 1999 12:09:24 -0500  
From: "Randy Hargenrader" <randyh@harksystems.com>  
To: <qrp-1@lehigh.edu>, <klqrp@waterw.com>  
Subject: [54870] KL Net 10/31/99  
Message-ID: <00d901bf248c\$08beb300\$1f03010a@randy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Despite the frightening prospect of some goulsh QRN and QSB the Halloween night KnightLite Net was well attended. A spy radio made an appearance as well as a host of ghosts and goblins...

QNI's:

AE4GX Sam checked in with the spy radio at 4 watts into a long wire antenna  
WF4I Derek checked in with 5 watts to a long wire antenna and Bob's  
lightweight

paddles

WA8LCZ Byron was 249 at my QTH, (hard to copy Byron.) I think you were on a vertical.

KE4QZB checked in using 1 watt to a sloper antenna

N3G0 Gary was running 400 mw on the SMite I'm assuming. Good sig for that power!

KF4EIB Gordon from Greensboro checked in with 4watts to a longwire.

N4DR Marc checked in using 400mW on a dipole

KF2PH Rich got into the net with 2watts from Long Island and won't get any stranger (!)

NZ4M John had a good signal with 4 watts to a full wave loop.

AB4PP JP made it just under the wire to be the last check-in for the night.

NCS was Randy WJ4P from Summerville, SC.

The KnightLite QRP net meets Sunday nights at 9:30 eastern.  
All (QRO too!) are welcome.

72,  
Randy WJ4P

-----  
Date: Mon, 1 Nov 1999 12:26:31 -0500  
From: "S. M. Whitehouse" <ke4yh@gte.net>  
To: <kd6kwm@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [54871] Re: KITS: TFR and WM-2 ==> WATT METER <=-  
Message-ID: <001001bf248e\$3f159c00\$642c6018@Stew.gte.net>

Dave, I would be reluctant to carry my WM-2 into the field too.  
You might consider Doug DeMaw's QRP Omni Box, described in November 1987 QST and QRP Classics. It's a Field-strength meter, dummy-load/watt meter, SWR bridge, and 100 kHz frequency standard all in one box. I think Far offers a circuit board for it. As designed, it will measure power down to 350mw.

72,  
Stew KE4YH  
Dunedin, Florida

-----  
Date: Mon, 01 Nov 1999 09:26:27 -0800  
From: Norm Melick <henmel@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [54872] Weller MP101  
Message-ID: <381DCD43.B9CE6B00@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I had a working Weller MP101. After the smoke cleared, I found the burned up transistor inside the unit. Don't know if the heating element went bad, but if someone could help me identify the transistor, It would be a start, and I'd appreciate the help.

Thanks,

Norm/KQ6SD

-----  
Date: Mon, 1 Nov 1999 12:32:29 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [54873] Re: 160 Meters QRP  
Message-ID: <v0311070ab44371066b15@[132.235.81.85]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Dieter,

I work 160 quite a bit and the difference is like night and day! Winter is great for 160 and the night time is best of course. The band really shifts, propagation wise, during the evening at sundown and stablizes after dark, usually... I've worked all 50 states using 100 watts from a homemade rig on CW and I've made lots of contacts QRP, so go for it and enjoy!

CU on 160,

NS80

-----  
Date: Mon, 1 Nov 1999 09:43:03 -0800

From: Bill H Ross <k6mgo@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [54874] Fw: Naive Me  
Message-ID: <19991101.094303.-325303.1.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Yes Henry, I feel as you do. I have gotten so much from this list. Many times when I saw something I didn't like, I was tempted to fire off a biting reply, but, I held my pen and cooled down. This list has been, as far as I am concerned, unique. My XYL used to comment about the 100 or so emails a day, and that I couldn't start out the day without reading them first. Which was true. About two weeks ago, my computer went sneakers up, and for a week that I was without it, I had 810 emails waiting for me. As an old tube type technician, I was able to get much helpful information about the "new stuff". It is very sad, indeed. I recall that I had just decided to get into cw, after 40 years of hamming, and I was on the CW reflector, asking questions, and here comes a package in the mail, from Chuck, with some tapes for cw. I had not asked for them or anything, he just sent them, not asking for any money or anything. Just said that when I was done with them to pass them on. It's hard to find people like that. Thanks Chuck.  
73/72 & zut  
Bill, K6MGO

----- Forwarded message -----  
From: "Henry Knoll" <knoll1003@tc.umn.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Date: Sun, 31 Oct 1999 19:13:50  
Subject: Naive Me  
Message-ID: <iss.1429.381ce935.29391.1@amethyst.tc.umn.edu>

I don't know how many of the other list members are in the dark as I am, but I'll bet it's a lot. I must be extremely naive.

-----  
Date: Mon, 1 Nov 1999 13:12:29 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [54875] HB: RMS voltage detector chip



Message-ID: <199911011753.MAA14442@moose.ncia.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Hi Gang,

I was looking through the Analog Devices new product catalog and spotted a neat new chip, DC to 2.5 GHz true RMS to DC voltage converter chip.

It's quite sensitive, with a full scale of about 3 mw. Dynamic range is only 24 dB for 1 db accuracy, I imagine the low end is limited by noise and nonlinearities.

Down side is it's in one of those truley microscopic 8 pin Micro-SO packages and runs \$6.00 is 1000's. And the usual problem of finding an AD distributor willing to sell in small quanites.

Anyway, with a votlage divider in front of the chip, a full scale of 10 watts would be accurate down to 100 mw and a 1 watt full scale would be good down to 10 mw. Not bad.

One way to use the chip would be to measure the voltage across a 50 ohm load and do the  $V_{rms} \times 2/50$  calculation, probably by doing an A/D conversion and using a uP for the calculation.

However, looking at the W7EL directional QRP watt meter, it looks to me one could replace the diode detectors and read power directly. One would simply need to select proper voltage dividers in front of the chip to change scale.

Oh, and this chip measures peak RMS voltages of complex waveforms.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----

Date: Mon, 01 Nov 1999 12:52:51 -0500

From: "Ed Hare, W1RFI" <w1rfi@arrl.net>

To: qrp-l@lehigh.edu

Subject: [54876] Re: ZOMBIE: Who spooked who??

Message-ID: <381DD373.17F5@arrl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Nicholas J. Franco wrote:

> I heard W1AW out there but couldn't get to a close enough freq to TX to  
> him. Then I hear good ole Bob - AE4IC and I heard him give the name  
> "Elvis" - WOW! This was going to be a great night. However, I  
> couldn't seem to get anyone to hear me. I switch from the HF6V vertical  
> to the 80 meter wire and still nothing. I was signing /TT2 and  
> everything. I thought the whole world would want to work me. What's  
> going on here?

Hi, Nick,

We were ONLY in the Hunt and Pounce mode for most of the Zombie Shuffle;  
I was using a VFO with the TT2 and working what I could hear. The  
Shuffle was done in the teeth of the W1AW bulletins up until 11:30 local  
time.

We kept going on 40 M after midnight to give out as many Qs as possible  
(W1AW will enter only as a check log for the Shuffle for that reason),  
but weren't really effective. We continued on with the Black Cat  
operating event. The SSB stuff was murder on 40 M. On Sunday night,  
after 2400Z I got on for contacts on 40. I tuned the band quite a bit  
after each QSO (unless I was tailended), but only worked one other TT2.

> I hope the Knightlights Homebrew sprint will give special consideration  
> to TT2's. I really like playing with this little transmitter.

BTW, it is easy to hook up a VFO to the TT2 (the design actually  
considered it). My VFO was an HW-8, with a 470 ohm resistor and a 0.01  
uF cap in series between the base of Q1 and the VFO. The HW-8 doesn't  
mind a really high SWR so it was okay.

I have a series of TT2 mods in mind, from parts values to put it on 80,  
30, 20 and 15 M, to a mod to allow it to deliver about 1.5 W from a  
24-30 volt power source (3 9 V batteries in series last about 4 hours)  
to a better way of using QRP transmitters as VFOs. If I can find time,  
I will write an article for the Web Extra. :-)

73,  
Ed Hare, W1RFI

-----  
Date: Mon, 1 Nov 1999 11:08:24 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: kd6kwm@mindspring.com, qrp-1@lehigh.edu  
Subject: [54877] Re: KITS: TFR and WM-2 ==> WATT METER <=  
Message-ID: <199911011807.LAA15886@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

>>What I was trying to look for was info on the WM-2 watt meter from  
Oak Hills Research and how reliable it was in a "non-desktop", outside in  
the heat/mud/rain - "climb to the mt. top no matter what" jarring event.<<

I don't think it's going to be a problem-- the WM-2 is a lot more rugged than  
you might think. The meter itself has internal damping so that impact on  
fallback to the peg is not going to be an issue. What you get in the WM-2 kit  
is exactly what comes from Jewel-- i.e. no shorting of the terminals.

I'd love to see a picture of a WM-2 in operation on a mountain top!

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Mon, 01 Nov 1999 13:13:41 -0500  
From: osier <osier@northnet.org>  
To: qrp-1@lehigh.edu  
Subject: [54878] CQ WW SSB ....QRP  
Message-ID: <381DD855.C277B817@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All !!!

What a wild weekend !!!!!.....114 "Q"s ....48 countries ..... 16  
zones..... on 10 meters  
Condx were strange ..with only 2 watts PEP from my Argo 509 to a "BIG"  
(hihi) 10 meter Ringo up only 20 ft....bans were soooooooo crowded in the  
morning to Europe..

Hard time working anything !!!!...In the afternoon it opened up a bit  
..FRUSTRATING ..  
but still fun....Many thanks to all the "OP"s that waited thru several  
repeats of my  
"BOOMING" (hihi) signal !!!!!....Many of the big stations went out of  
their way to  
make it a good contact with me !!!!!!!

SWEEPS ARE NEXT !!!!!!!!!!!!!!!

73/72s

George Osier , N2JNZ/QRP.....Tech +

-----  
Date: Mon, 1 Nov 1999 13:12:37 -0500  
From: "Hugo Catta" <h.catta@worldnet.att.net>  
To: <kd6kwm@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [54879] Re: KITS: TFR and WM-2 ==> WATT METER <=-  
Message-ID: <008c01bf2494\$ae993860\$73da4e0c@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dave:

If you are planning on using a monoband rig; and understanding that you also  
want to go down to mWatts with the same rig, the K.I.S.S. approach to me  
would be:

- 1) - Measure at home the output power using the field battery and take note  
of the DC current/voltage.
- 2) - Use the ZM-2 tuner SWR indicator in the field to make sure it is low  
enough.
- 3) - For QRPP use just leave on line the 6db pad provided in the ZM-2 SWR  
meter. Just remember to flip the switch in RX, (or leave it on with a strong  
incoming signal).
- 4) - Carry one of those little wallet style digital multimeters with you to  
check and compare with your readings at home, to check the battery's health  
and roughly your output power.

In that way you don't add anything to the RIG/ZM-2 combo, (well, the meter  
but is very little), and have the versatility of switching between full  
power or 1/4 of it at the flip of a switch.

Yes, the pad will waste 3/4 of the output power when on line, but your problem is weight/size/complexity; isn' it?

72,  
Hugo  
CX9AAK/W2

,  
>  
>  
> Dave Willey - KD6KWM  
> kd6kwm@mindspring.com  
> Santa Rosa, CA.  
>  
>  
>

-----  
Date: Sun, 31 Oct 1999 07:45:06 -0000  
From: "Tony Fishpool" <g4wif@btinternet.com>  
To: <evines@garlic.com>, "QRP-1" <qrp-1@lehigh.edu>  
Subject: [54880] Re: Help-BNC 50 OHM Terminator  
Message-ID: <000301bf249a\$e70e49a0\$963763c3@p75>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ed and all,  
I happened to be reading the Ethernet specs last week and came across the section for Ethernet terminators. They are specified to be good for at least 20 MHz and at least 1 watt dissipation.

Kind regards  
Tony - G4WIF

----- Original Message -----  
From: Ed Vines <evines@garlic.com>

> Hello All,  
> This is my second newbie Question. I saw a qrp'r with one of those 50 ohm  
> bnc terminators attached to his antenna output at a club meeting.  
<snip>

-----

Date: Mon, 1 Nov 1999 13:23:53 -0500 (EST)  
From: Joel Malman <malman@world.std.com>  
To: jmlowman@ix.netcom.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [54881] Re: Distinguish QRP+ from QRP++ ??  
Message-ID: <199911011823.NAA10799@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Jim,

The bet way to tell the QRP+ from the QRP++ is:

On the QRP++, there is an empty whole (on the rear pannel) where  
MIC GAIN pot used to be on the QRP+ (orig model).

--

/joel K1QM (K1 Queen Mary) Concord, Massachusetts  
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

-----  
Date: Mon, 01 Nov 1999 13:26:47 -0500  
From: "Jerry W. O'Dell" <jwodell@ameritech.net>  
To: qrp-l@lehigh.edu  
Subject: [54882] Fights  
Message-ID: <4.2.0.58.19991101132510.00977e20@mailhost.det.ameritech.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey, has anyone ever subscribed to a list in which  
there weren't fights, massive flame wars. I haven't.

It seems to me that y'all are pretty civil people, all in  
all. Boring as the dickens at times, but I keep reading.

Everyone needs to bone up on their nastiness! Good  
lord, most of you can spell!

73 jerry w8gnd

-----  
Date: Mon, 1 Nov 1999 10:34:24 -0800

From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [54883] NorCal Doublet for 10 - 40 Meters  
Message-ID: <01bf2497\$b92478a0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

George Heron posted to the list about his giving away several NorCal Doublet antenna kits at the NJ QRP meeting Saturday. A neat way to say Trick or Treat, George!! Several have emailed and asked about the construction details so here it is guys.

The NorCal Doublet evolved from work done on the St. Louis Doublet designed by my good friend Dave Gauding, NF0R. His work was the inspiration for my efforts. Thanks Dave. It is designed to satisfy the following criteria.

1. It must be capable of making casual contacts, or qrp contest type qsos.
2. It must be cheap.
3. It must be light weight.
4. It is designed to be used with the SD20 fiberglass telescoping pole, and one of the goals is to NOT bend the top section over.
5. It must be multiband.
6. Use of a tuner is ok (I use a ZM-2)
7. It must be deployable in less than 5 minutes.
8. It must tear down in less than 5 minutes.

This antenna is NOT:

The end all to all antennas. While it may be used as a home station antenna, (I am presently using one version cut for 20 meters), it is mainly a portable or "in the field" type of antenna. There are certainly a lot better antennas out there, but none of them meet my criteria as well as the NorCal Doublet. I know that regular ladder line is superior to the ribbon cable, but it is nowhere nearly as light and managable.

Ok back to the antenna. I looked at Dave's original article in QRPP, and decided that you didn't have to use magnet wire for the dipole portion as Dave did. If you had a 50 or 60 foot piece of ribbon cable, you could eliminate the connection of the magnet wire to the ribbon cable!! That takes out a weak point, the soldered connections. I also remembered the antenna that Jim Cates, WA6GER, told me that he made out of zip cord back in the early 70's. So, I got a piece of ribbon cable 50 feet long and did the following:

1. I separated two conductors from the cable, and had a two conductor strand that was 50 feet long.

2. I measured 26 feet and marked with a marker.
3. I then took one nylon cable tie, put it through the eye of a small fishing snap swivel, and then tighten it around the cable. This would become the center support of the doublet. I would use the snap to hook to the eye at the top of the SD20 fiberglass fishing pole.
4. Next, I split the two strands to the 26 ft. mark and the nylon cable tie. (It not only attaches the snap swivel, it also keeps the cable from splitting farther.) I now have a NorCal Doublet with two 26 ft. legs, and a 24 ft. feedline of 2 conductor ribbon cable that acts as twin lead.
5. I attach a ten ft. piece of heavy string, actually it is nylon cord, to each end of the legs. I use 20 penny nails as anchors if there is nothing to tie off the Doublet to.
6. The last thing is to attach the feedline to my ZM-2 Tuner and I am ready to rock and roll on 10 - 40 meters.

Now for the cost.

100 ft. of 10 conductor ribbon cable from Mouser  
Mouser #571-1570403     \$9.36 (Enough material to make 10 antennas)

Ribbon Cable - \$.94  
Nylon Cable Tie - \$.02  
Snap Swivel - \$.25  
20 Ft. Nylon Cord - \$.02  
2 #20 Nails - \$.05

Total cost of antenna: \$1.28 !!

How does it work? Well, I have about 150 qso's on my NorCal Doublet cut for 20 meters (legs are 16.5' long) and it has served me very, very well. I have worked 40 states, 3 DX countries, and have been able to hold a frequency and call CQ in three different qrp contests using the NC20 and running 5 watts.

I encourage you to give it a try and let me know how it works for you. If you think of improvements, please share with us. Enjoy, 72, Doug, KI6DS

-----

Date: Mon, 1 Nov 1999 10:32:46 -0700  
From: "Dick Schneider" <dschneider2@uswest.net>  
To: <nielsen@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>



Subject: [54884] Re: KITS: TFR's and Oak Hills Research Analog Watt Meter WM-2  
Message-ID: <002101bf248f\$1eb40220\$dc92a0d8@laptop.dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob:

Regarding taking a wattmeter into the field ... my preference is to not do that. The only reason I could see for doing that is if you wanted to operate a different power levels (i.e., wide open for the qrp rig + piped down to milliwatt levels). If that were the case, I would calibrate the rig at home (with the understanding that a different antenna would vary the results a little).

If you're using a single-band rig, cut the antenna to the correct length, so tuning is not necessary.

If you need to tune your field antenna, consider a small tuner with led SWR indicators. I use a ZM-2 tuner kit, built into a low profile case. It has an LED that goes out when the SWR is where you need it.

Whichever way you go, though, good luck, and keep asking for ideas on QRP-L.

72 Dick AB0CD..

-----  
Date: Mon, 01 Nov 1999 12:54:58 -0600  
From: Richard Matthews <prm@hiwaay.net>  
To: qrp-l@lehigh.edu  
Subject: [54885] DSW-40 Simply QRP  
Message-ID: <3.0.1.32.19991101125458.00b80100@hiwaay.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Since posting a few days ago about my Small Wonder Labs DSW-40 kit, I've had numerous emails. To assist those who are asking, there is a good DSW-40 construction and review site at <http://www.qsl.net/n9vv/dsw40project.html>.

Can't wait until my new DSW-30 arrives so I get the fun of sticking parts and melting solder for another while longer . . . . . that first contact on a newly built rig is quite a reward also. Of coarse I've got to build that carry-to-the-field 30 meter inverted vee too.

Since getting back on the airways just over a month ago, my CW speed is slowly coming back. I learned enough to pass the Extra CW test a few years back, but since being back on and doing a little practice, I'm even able to copy a few words at 35-40 WPM while reading in my head . . . .how'd that happen? I'm fully convinced that having trouble learning the code is mostly a mental block. When I was first learning at age 15, I thought I would never learn even 5 WPM and I did have a struggle. It should be even harder now due to many added years and a touch of tinnitus, but my mental openness to knowing I can learn just about anything that I really want to, makes the learning easier and more enjoyable. So my advice to those of you who are struggling with the code . . . . just know that even you can learn it, to whatever speed you choose, and have fun using it.

73,

WA4NWW, Richard . . . . now if I can just get that MK-44 paddle under control

-----  
Date: Mon, 01 Nov 1999 11:06:49 -0800  
From: Jim <w7ls@blarg.net>  
To: jennings@eng14.rochny.uspra.abb.com, qrp-1@lehigh.edu  
Subject: [54886] Re: Pancake magnets...  
Message-ID: <381DE4C9.2E673E70@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yeah, old floppy drives have them in their motors. They work great. Cheap, too. That makes them QRP-money. Jim W7LS

Thomas Jennings wrote:

> Hi,  
> Does anybody know where I can get the large 5 inch pan cake magnets?  
> My 5/8 wave 2 meter ant fell off and the magnet broke into a few peaces.  
> I forgot who made the antenna.  
>  
> Thanks.  
>  
> Tom kv2x

-----  
Date: Mon, 01 Nov 1999 12:03:11 -0700

From: Dave Ek <ekdave@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [54887] Re: KITS: TFR and WM-2 ==> WATT METER <=  
Message-ID: <3.0.6.32.19991101120311.007a4100@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

The usefulness of a compact SWR/power meter for backpacking has occurred to me, as well. A couple of thoughts/questions:

- 1) I seem to recall that someone had developed a PIC-based wattmeter and presented it at one of the recent "Cons". Am I imagining things?
- 2) It seems like it would be relatively straightforward to adapt a basic SWR bridge circuit (like in Demaw's books) so that it feeds an amplified voltage to a PIC through an A/D (some PICs have A/D built-in) and let the PIC compute SWR. This would be \*something like\* the KK7B visual SWR indicator in "QRP Power". I'd be interested in working on the digital side of such a device if someone wanted to help with the analog side.
- 3) Is QRP Classics out of print? I'd like to get ahold of the Demaw article on the OmniBox--can anyone help?

73,

Dave AB0GO

-----  
Date: Mon, 01 Nov 1999 12:06:58 -0700  
From: Dave Ek <ekdave@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [54888] Sweepstakes and QRP: hints & tips?  
Message-ID: <3.0.6.32.19991101120658.007a44b0@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Don't forget--Sweepstakes is coming this weekend. Let's break last year's record for number of QRP entries!

Being a fairly inexperienced tester, I'm always on the lookout for good advice. Do any of you old hands have hints & tips you'd like to share with

the rest of us for effectively contesting when running QRP in a big test like SS?

73,

Dave AB0GO

-----  
Date: Mon, 01 Nov 1999 14:14:49 EST  
From: ka7you@juno.com  
To: kd6kwm@mindspring.com, QRP-L@LeHigh.EDU  
Subject: [54889] Re: TFR's and Oak Hills Research Analog Watt Meter WM-2  
Message-ID: <19991101.121759.8247.0.ka7you@juno.com>

Dave and interested others

The circuit board in the WM-2 is quite small, and without the analog meter would take up very little space. Why don't you gewt one of the inexpensive (<\$15) DPM (Digital Panel Meter) units and configure it to read the current in place of the analog meter. The whole thing could probably be built into the size of a double height Altoids tin, or certainly into an International Coffee tin.

You could add a DPDT switch and have it read battery voltage too.

Hmmm, this might get interesting...

I know the basic circuit for the older WM-1 was in the handbooks a few years ago. I bet you could talk Marshall Emm into selling you part of a kit-less meter and case.

On the other hand, there is a very good LED SWR bridge/tuning indicator circuit used in the NJ-QRP Club Rainbow Tuner, and a similar one in the EmTech ZM-2 tuner. You might just want to get a ZM-2 if you need a 'T F' tuner.

Maybe this will help give you some ideas.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.  
80M thru 10M with K2 s/n268 and other fine QRP rigs.  
VHF thru 1296 MHz-higher bands pending  
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Mon, 1 Nov 1999 13:01:18 -0700 (MST)

From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Subject: [54890] QRP: Kudo's to W1AW/W1RFI  
Message-ID: <Pine.SUN.4.10.9911011234280.13302-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fellow members of the Zombie Secret Society,

I want to start right out by thanking Ed Hare, W1RFI, for all his excellent work, long hours on the air, cramped key hand, and no doubt lost hearing for life by putting W1AW on the air for three consecutive days of QRP fun with Tuna Tin 2's ... including the Doug DeMaw (SK) original on 40M. For those who worked W1AW this weekend, you participated in QRP HISTORY. I also know Ed had some help ... not sure all who did help him out, but want to thank them as well. I know one was none other than Rich Arland, because that's who I worked running W1AW for my Zombie Shuffle contact. And it was a rough contact and long haul from Newington to Socorro, NM, but we hung in there like troopers, making it a memorable contact with W1AW for me for years to come. Kinda hard to believe we were working the TT2 original -- history in itself. And we all know what 40M sounded like friday night :-(

For those who haven't met Ed Hare, he's a swell guy, full of enthusiasm for the hobby. I met him at Ft. Tuthill, where he (and others) put on W1AW/7/TT2 there as well. Personally, I think Ed has done an excellent job and performed countless hours of good QRP-will with the Tuna Tin 2, and his coordination with W1AW/ARRL. I have seen some positive changes in the ARRL where QRP issues are concerned, and can't help but think Ed has been a large contributing force. Great job Ed on your efforts.

Also want to thank Bruce Mucscolino for expanding the TT2 theme into the Black Cat event.

Between the Zombie Shuffle, Black Cat, TT2's everywhere and of course W1AW, it was indeed a great weekend for all QRPers. And this is a particularly good example I think. With various things happening over the past few days with qrp-l, etc., there appears to be a hopeless destruction and rift amongst qrpers. This weekend was an example of the UNITY that does exist within QRP, and how several organizations \*do\* work together to coordinate and execute these things, inspite of the "words" that implies the opposite. It is interesting to note that the Zombie Shuffle, Black Cat and W1AW activities were all orchestrated and promoted primarily by the internet, showing how important this media is to us all (regardless of what "site" you get the information from).

I think it was great to see all of these activities work together, and I know Ed, myself, and a couple of others are planning on how to do it

again. Thanks again for everyone who helped out with the activities, and those who participated. It was some of the best, fun time I've had on the air in quite awhile, and all of us involved want to see it happen again.

Don't forget ... if you worked W1AW anytime this weekend, from friday night to Ed's final QRT sunday night, it counts as a 1000 point bonus for your Zombie Shuffle score, regardless of when you worked W1AW. We are contemplating printing up some gold stars with "W1AW" on them to affix to those certificates that worked W1AW to help commemorate this historical event.

72, Paul NA5N

Zombie #004

And proud to have W1AW/TT2 in my log

-----  
Date: Mon, 1 Nov 1999 12:16:28 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Dieter Gentzow - WB8QYY <wb8qyy@one.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [54891] OPERATING: 160 Meters QRP  
Message-ID: <Pine.GS0.4.10.9911011210130.8950-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dieter,

160m can be a lot of fun with QRP. During last years contest season, which runs from Dec until early spring, I worked 46 states while running 5 watts.

You need to stay at the radio listening to static for a long time to grab those short spells when our little whispers will make it across country and be heard! But what a blast when it happens!

Not much activity during the summer time because the QRN tends to be very bad. But Winter is much more fun.

There is also more activity on 160m during sun spot low times. When the high bands are good everyone seems to spend all their time on 10m!

But you do need a fair antenna. I have never tried it with an indoor antenna. I tried loading the tower and didn't



l@Lehigh.EDU>

Subject: [54893] Re: KITS: TFR and WM-2 ==> WATT METER <=-

Message-ID: <002c01bf24a8\$726831c0\$642c6018@Stew.gte.net>

Dave,

If your unable to get a copy of QRP Classics, I can try to scan the article for you. Can you handle GIF or JPG files? Or, how about a fax?

72,

Stew KE4YH

-----Original Message-----

From: Dave Ek <ekdave@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Monday, November 01, 1999 2:05 PM

Subject: Re: KITS: TFR and WM-2 ==> WATT METER <=-

>Gang,

>

>The usefulness of a compact SWR/power meter for backpacking has occurred to me, as well. A couple of thoughts/questions:

>

>1) I seem to recall that someone had developed a PIC-based wattmeter and presented it at one of the recent "Cons". Am I imagining things?

>

>2) It seems like it would be relatively straightforward to adapt a basic SWR bridge circuit (like in Demaw's books) so that it feeds an amplified voltage to a PIC through an A/D (some PICs have A/D built-in) and let the PIC compute SWR. This would be \*something like\* the KK7B visual SWR indicator in "QRP Power". I'd be interested in working on the digital side of such a device if someone wanted to help with the analog side.

>

>3) Is QRP Classics out of print? I'd like to get ahold of the Demaw article on the OmniBox--can anyone help?

>

>73,

>

>Dave AB0GO

>

>

-----  
Date: Mon, 1 Nov 1999 15:34:40 EST

From: MertNellis@aol.com

To: mnqrp-l@qth.net



Cc: qrp-1@lehigh.edu  
Subject: [54894] Midway Island  
Message-ID: <0.8f94557e.254f5360@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi QRPers

Just in case any of you are interested in working Midway Island, KH4, Mert W0UFO, Thor W0QIK, and Ed N0OKW are leaving on Nov. 2 for an expedition to Midway and we will be on Midway from Nov. 4 to Nov. 13. Our primary task is to work with the Oceanic Society as part of the Elderhostel program but we also will be operating Ham Radio in our spare time. If conditions are good we will pay particular attention to the QRP frequencies on 20, 15 and 10 meters and operate QRP. Otherwise we will increase power to up to 100W and do what we must to make some contacts. Midway is -11 from UTC or -5 from CST. Would guess that we will get some operating time in early morning (1100 CST) and in the evening (2200 to 2300 CST).

We will use two calls KH4/W0UFO and KH4/W0QIK.

If a more specific schedule is known, we will try to post it to the List. Please look for us. We hope to get you into our log.

72/73            Mert Nellis, W0UFO            MNQRP#71, QRPARCI#9720    FISTS#3823/500

-----  
Date: Mon, 1 Nov 1999 13:41:29 -0700  
From: bcutter@teal.csn.net (Bob Cutter)  
To: qrp-1@LEHIGH.EDU  
Subject: [54895] Re: 160 Meters QRP  
Message-ID: <199911012041.NAA16412@mailrelay3.sni.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I work 160M QRP. Forget about summer but the band is just doing getting going. EU is a tough haul for me from CO but JA is fairly easy. The JA's are great operators and the split they have to use helps, you transmit where they say to, 1810-1830 and listen in their window 1908-1913.

You should have a decent shot at EU from OH. Just expect to spend a lot of time listening and watch the grey line for openings.

The ARRL 160 contest next month will be a good place to break in. Like all QRP it is a combination of frustration and excitement.

Good luck and enjoy.

72, Bob KI0G

PS: for antennas I use a shielded loop for receiving, a Beverage, Inverted L, quarter wave sloper and a low half wave dipole. It is impossible to predict which will work best at any given time.

>Hi folks,

>

>Im wondering who out there works 160 meters qrp. When I get my 160 meter

-----  
Date: Mon, 1 Nov 1999 12:47:14 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>  
Subject: [54896] ZOMBIE: What a blast  
Message-ID: <Pine.GS0.4.10.9911011239340.9226-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Another fantastic time!

Worked 57 stations, 2 YL's, 7 guys saying they were Elvis, one guy who said he was ET (my QSO #1), two JR's and a total of 4 Grand Zombies!

And I worked W1AW/TT2 on 20m Sunday. Thanks Ed, Bruce, Rich, Joel and anyone else that was there. You all did grat.

If I did all the figuring right, and I sure ain't gonna bet on that, then I got 30,584 points.

This is not only a keeper of an event but is one of the best examples I've ever seen of taking a negative post and turning it into something wonderful! Thanks to Paul for that!

And thanks to Jan for doing all the "dirty work" of a contest....the rules, emails to all of us that can't read the rules and of course the LOGS! :-)

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

-----  
Date: Mon, 1 Nov 1999 16:15:34 -0500  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [54897] ADMIN: I need some Help!  
Message-ID: <66FCE0D1DF76D311913800805F6D0FA31BFCCF@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

Could someone send me the two msgs that Chuck wrote listing the VALID  
qrp-1 subject TOKENs.

I have it printed at home but want to send a qrp-1 msg and I'm having  
problem retrieving them via the archives.

I think my system is not working right.

You help would be appreciated.

Sam Billingsley AE4GX Atlanta, GA  
personal web page at <http://ae4gx.home.mindspring.com/>  
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

-----  
Date: Mon, 01 Nov 1999 21:15:51 +0000  
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>  
To: qrp-1@lehigh.edu  
Subject: [54898] OFF TOPIC Happy Holidays, but read anyway!  
Message-ID: <E11i0zw-00083A-00.1999-11-01-21-28-16@mail15.svr.pol.co.uk>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hi Ganguer,

Visit with Santa for your younger kids at:

<http://www.santamail.freemove.co.uk>

and let them send a note to Santa. He replies with a mailing saying, keep your room tidy, and help in the house. NOTE there is only one reply, so you may want to space out mails time wise or lump the kids names together if they room together to amke it work better.

Regards

Mel

Oh. and there's a link from my Euramcom pages as below!  
Arachne, the Internet Suite and "QRP" Browser for DOS, supports tables, graphics, animations, forms, HTML 4.0 Transitional Pages and more!

<http://www.arachne4dos.freemove.co.uk>

e-mail to: gm6jag@arrl.net  
or: mel@euramcom.freemove.co.uk

72 & 73 de Mel  
GM6JAG  
Edinburgh Scotland UK  
Home of the last HW9

-----  
Date: Mon, 1 Nov 1999 15:32:21 -0600 (CST)  
From: Bruce Ratray <ratray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>  
Subject: [54899] FOXHUNT:Team Scores (fwd)  
Message-ID: <Pine.LNX.3.95.991101152432.8454C-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

....here's the first log with the corrections that were e-mailed to me...tnx to all and I'll get at the second hunt asap....72 - Bruce.

Fox Hunt #1 - K10J -

\*\*\*\*\*

20th. MAINE BENGAL BEARS:Total=1	BLUE J's:Total=0
-----	-----
Jim - N5IB	John - VE3JC
Butch - N5SMQ <-	Jim - VE6JWA
Bill - NT1R	Jeff - VA3JFF

Joel - KE1LA

DURHAM MORSE MEN:Total=0

-----

Jim - VE3KQN

Ken - VE3ELA

John - VA3JE

Garry - VE3REP

HOUSTON HOUNDS:Total=3

-----

Bill - K5ZTY <-

Bill - W5SB <-

Terry - KQ5U

Dan - KK5LD <-

NIGHT OWLS:Total=0

-----

Ed - WE6W

Rich - N5JI

Dan - N7CQR

Ben - NW7DX

RAIDERS OF THE LOST RF:Total=0

-----

Fred - VE3FAL

Earl - VE6EWM

Mary - NA6E

Bruce - VE5RC

SFBA FOGHORNS:Total=0

-----

Bob - N6WG

Conrad - NN6CW

Andreas - N6NU

Allan - K7GT

SWORDS:Total=2

-----

Rick - WB6JBM

Andy - KC8KFI

Doc - K0EVZ <-

Dan - N8IE <-

TEAM ScQRPion:Total=2

-----

Floyd - NQ7X <-

Gary - AB7MY

Jon - TF3JA

EMPIRE HOUNDS:Total=0

-----

Dick - K2REB

Kevin - N2T0

Mark - N2JTW

Nick - KF2PH

MANGY MUSHERS:Total=1

-----

Pete - NV4V <-

Paul - VE7CQK

Bruce - N7RR

Ed - K1VP

OKLAHOMA TORNADOS:Total=0

-----

Cliff - AB5UA

Royce - KE5TC

Don - K5AAR

Gody - AC6U

SCATTER SHOT GUNNERS:Total=0

-----

Mike - K1MG

Jack - W5TFB

Stan - N6XU

Pat - K0PC

SWAMP RATS:Total=3

-----

Tom - N1TP <-

Mac - AF4PS <-

Fred - W2XN <-

Paul - AJ4Y

TEAM CRAMP.COM:Total=2

-----

OJ - K10J

George - K5VUU <-

Mike - K5NZ <-

Eric - NM5M

TESLA'S TERRORS:Total=4 Clean Sweep

-----

Wayne - N0EA <-

Dan - N0DT <-

Conard - WS4S <-  
Bob - KI7MN

Tim - N0EHW <-  
Joe - W0JOE <-

TEXAS TARANTULAS:Total=2

UNDERDOGS:Total=2

-----  
Bill - K5LN  
Dave - AB5WX  
Bob - AF5Z <-  
Tom - N5TW <-

-----  
Roy - AB7CE  
Dan - N4ROA <-  
Brian - KB9BVN <-  
Ron - KI0II

WESTERN WRANGLERS:Total=0

NORTEX Irregulars:Total=0

-----  
Randy - K7TQ  
Chuck - K7Q0  
Steve - WW7Y  
Ron - KU7Y

-----  
Doc - W5TB  
Joe - KK5NA  
Don - N5YAK  
Barb - KK5QA

....72 - Bruce(VE5RC+VE5QRP)

-----  
Date: Mon, 1 Nov 1999 17:04:00 -0500 (EST)  
From: lujce@Lehigh.EDU  
To: qrp-l@lehigh.edu  
Subject: [54900] ADMIN  
Message-ID: <199911012204.RAA27904@nss4.cc.lehigh.edu>  
Content-Type: text



>

--

Bob Nielsen                   Internet: nielsen@primenet.com  
Tucson, AZ                   AMPRnet: w6swe@w6swe.ampr.org  
DM42nh                       http://www.primenet.com/~nielsen

-----  
Date: Sun, 31 Oct 1999 22:49:52 EST  
From: kc8aon@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [54902] Spy Radio !  
Message-ID: <19991101.173743.4655.1.kc8aon@juno.com>

Sam's RS-6 reminded me of the neat CW rig that I used to have, although it wasn't QRP per modern standards - 15 watts out, it was a fun rig and I wished I had kept it ! It was called the GRC-109, had a seperate TX & RX & PWR supply, the TX was crystal controlled, the RX was tunable from 2 thru 22 mhz and had the push type clips for the antenna, headphone and RX to TX connections and it also had the neon lamp tuning indicators & built in code key. When in transit, each piece had a bolt on lid with rubber seals to keep out the weather - actually I think you could submerse it and not hurt it ! Anyway, enough rambling, just thought ya'll might like to hear about it.

73.....kc8aon  
Rick McKee  
Willow Wood, Ohio

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 1 Nov 1999 17:52:51 -0500  
From: Stanley A McIntosh <mcintos@basf-corp.com>  
To: qrp-1@Lehigh.EDU  
Subject: [54903] Smaller Altoids Tin  
Message-ID: <8525681C.007D4727.00@basf-corp-gw01.basf-corp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Okay, who's designing the DDS superhet transceiver with a DSP and internal Rainbow Tuner for the new Altoids tin? On the box, it's labeled "The TINY Tin," and it's 6.2 cm by 4 cm, and 1.6 cm tall. Maybe they came out with this one



just to fit the SMiTe plus assorted controls.

72  
stan  
kd4bth

-----  
Date: Mon, 01 Nov 1999 14:59:56 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-1@lehigh.edu  
Subject: [54904] WE6W Zombie Report  
Message-ID: <381E1B6C.2D1B@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang, am still working thru the archives so don't know  
where this zombie report should go....

So I'll be quick:  
But first the weird thing I have to share:  
NO KIDDING! The temperature on my digital thermometer  
was EXACTLY: 66.6 degrees Fahrenheit at the Start of the  
Zombie Shuffle! There's something interesting.

Station: K2 at 5 Watts to 22 ft. high dipole. K8FF Paddles.

Got 43 Stations; 5 Elvis; 8 Grand Zombiesm a YL and JR.  
We had a BLAST, didn't we!

TOTAL SCORE is: 24,899 and will snail mail the log, #10 envelope  
and \$2.00 to Jan for the pin and certificate.

Wahoo.

On Sunday morning I played with the supports on my dipole, moving  
the end support to the middle thereby pusing that part up  
30 feet. Beware tonight in the Spartan Sprint!

Also, the inaugural Norcal net, Sunday at 0200Z (6 PM Pacific time)  
was a resounding success and the evening net landed K8FF himself  
and also Ray/W5XE running 700 mW! Tough copy but we got him.  
Nine stations was the total check in count.

keep QRP'ing. 72/Ed we6w

(With the last surviving TenTec 209 attenuator?) Hee, hee....

--

-72/Ed WE6W; AR Millennium Q's=> 1890/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

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Date: Mon, 1 Nov 1999 16:19:48 -0700

From: "Floyd Smithberg" <flydnq7x@primenet.com>

To: "QRP-L message" <qrp-l@Lehigh.edu>

Subject: [54905] Zombie & CQ WW SSB

Message-ID: <000501bf24bf\$ae43dde0\$b8ad30d0@primenet.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Arranged two computers with TR and my TS850S to sorta simultaneously chase Zombies and DX. First went for DX Fri evening but only got 9Qs in the first hour or so. Then switched to CQ B00 and had more fun scaring up Zombies and Elvis'. After couple hours I ended up with 21 Qs for a score of 11,754....

What a great way to spend my 30th wedding anniversary 8-)

Didn't get back to DX 'til Sat 9am where 10M turned out to be THE band for me.

Picked up two new ones...4K7Z & 5H3US(150 total now) and a bunch of interesting ones like: BY, 9M6, 9J, 4J etc. Fantastic world wide conditions except for the really tough QRN on 40M. Missed a few rare ones that I just couldn't connect with, but in general QRP did the job...all S&P. Not a winning score, but FWIW....

Unique countries worked: 58

Unique zones worked: 28

Band	QSOs	Points	Countries
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40SSB	7	17	7
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7

20SSB	26	75	17
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11

15SSB	58	159	37
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22

10SSB	86	238	36
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18

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177

489

97

58

Score:  $(97 + 58) \times 489 = 75,795$

Equip: TS850S, IBM TP w/TR6.44 & AMD clone w/TR6.44 to 3 el yagi  
and 40M extender at 40+'

Op time Zombies: ~ 2 hrs

Op time CQ WW: ~15 hrs

Floyd NQ7X Phoenix ScQRPion DM33uq

-----  
Date: Mon, 1 Nov 1999 18:21:25 -0500

From: "J. Ervin Bates" <w8erv@email.msn.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [54906] W8ERV Zombie Report

Message-ID: <012101bf24bf\$d1bad8a0\$44451b3f@win98>

Well, you've already heard about the Zombie Shuffle....I got one, which is  
good for a start. I got the log and sheet in the mail today, so I can  
reserve my pin and certificate. 2000 will be better.

72,

Erv W8ERV

-----  
Date: Mon, 1 Nov 1999 17:22:59 -0600

From: Oscar A Hoyt <k5ubs@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [54907] Midway Island

Message-ID: <19991101.172410.-108737.1.k5ubs@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

FANTASTIC

Will sure want to try get that one qrp or little higher if need be.

Had the oportunity to operate from Midway back in 1961 or thereabouts  
from KM6BI in between flights on the WV2 aircraft.

GL, Mert, hope I can work you or Thor or Ed while you are there.

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL, ARCI



Date: Mon, 1 Nov 1999 18:42:13 -0500  
From: "Ken Evans" <w4du@bellsouth.net>  
To: "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [54909] CONTEST: FDIM 2000 DESIGN/BUILDING ANNOUNCEMENT  
Message-ID: <000701bf24c2\$c471a220\$bbdafea9@evans>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

#### THE 1-VOLT CHALLENGE

Okay gals and guys, here is the first bit of information on FDIM 2000. Many past attendees will remember that on Saturday night, there is a contest for homebrew as well as kits. People bring their latest project and enter it into the building contest. This year, we are going to do something in addition to those traditional categories. The idea comes to us from Wayne Burdick, N6KR, the innovator (perpetrator?) of the famous 2N2222 challenge. Here is the "1 volt challenge" in his words:

"Just when we thought we'd all been very clever designing complete transceivers using only 2N2222 transistors, along comes another constraint. Can you design a transceiver that runs on as low as 1.0 volt?

The idea came to me while I was watching my daughter Marissa, sitting in her "bouncy chair." This device has an elliptic disc whose electric motor is powered by a single D-cell (1.5V). The amount of energy contained in a single alkaline D-cell is enormous: on the order of 15 or more amp-hours. It powered the chair for three months of normal use.

What does this have to do with QRP? Believe it or not, you can design oscillators, amplifiers, mixers, voltage regulators and even keyers using very low supply voltages. We use higher voltages because it simplifies bias arrangements, reduces  $I^2R$  losses over long wire runs, and increases dynamic range with typical low-power semiconductor devices. But with careful selection of components you can achieve respectable performance at 1 volt.

So here's the 1-volt challenge:

Design a transceiver of any kind that will function satisfactorily over a range of about 1.0 to 1.6 volts. (This is about the working range of a single alkaline cell, i.e. AAA, AA, C, D.) We're specifically suggesting transceivers, not just receivers or transmitters, because it will get us thinking about both low-voltage radio *and* control circuits.

There are only two rules:

1. No ICs. Since the emphasis is on exploring low-voltage design techniques, you can use any transistor types you'd like but NO ICs. Ics hide

the design details, making it hard to see what you did to get your design working on low voltage. Also, we hope that the designs will work with a variety of available transistors. Low-voltage ICs may be harder for the average builder to obtain.

2. No DC-to-DC converters. You can't simply step up the single cell's output to a higher voltage. That's not in the spirit of the contest!

Hints:

#1: Use inductors and transformers.

#2: For higher dynamic range, increase the \*current\*, not the voltage.

#3: Use low-threshold devices (like bipolar transistors). There are some JFETs with very low pinch-off that might be useful, such as the J210. The average 2N7000 is pretty useless since it can take up to 3V at the gate to turn it on.

Extra Credit: Design a keyer that runs from as low as 1V, too. (Big hint: you don't need a microprocessor!) ICs are allowed for the keyer, but no DC-to-DC converters.

Making QSOs with these beasts should be both rewarding AND challenging! Good luck.

0.73 <-- the low-voltage salutation!  
Wayne"

In addition to what Wayne has said, we ask that you submit your design (schematic) to me by April 15, 2000 and you bring a working prototype with you to Dayton. QRP ARCI will award prizes for the Best Design and Best Construction and will ask the contestants that their designs be published in a future edition of the QRP Quarterly. Decision of the FIDM judges will be final.

So turn on the brains and heat up the irons.

72/3,  
Ken Evans  
W4DU  
848 Valbrook Court  
Atlanta, GA 30047  
w4du@bellsouth.net

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Date: Mon, 1 Nov 1999 15:53:00 -0800  
From: Dwane I Olson <diolson@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [54910] Portable HF antenna  
Message-ID: <19991101.155303.-15571.0.diolson@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Has anyone built the Portable HF antenna as featured in the August 98 issue of QST on page 44? If so, what kind of performance did you get with a Qrp rig?

73,  
Dwane KB6SJP

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Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

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Date: Mon, 1 Nov 1999 18:44:14 EST  
From: GElam30092@aol.com  
To: qrp-1@lehigh.edu  
Subject: [54911] "Desert Fox"  
Message-ID: <0.c8349021.254f7fce@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Another first time fox here..... a desert fox if you will.

And like Jim, I am guaranteed to get a bit nervous but.... I'll hang in there!

Doc and I have been discussing my operating time. I originally suggested 0300-0500 and he suggested that I move it up. I agreed but Doc must have missed that message. This week, I'll go from 0130-0330. If Doc requests it, I'll move my time back to 0300-0500 next week. I'll be on tomorrow night (Tuesday).

I'm not clear if I'm supposed to post my frequency or not. The rules at <http://www.qsl.net/na6e/rules.html> says the novice area. Does that mean I am supposed to tell you where I'll be or do you need to find me?

Depending on that answer, I'll either be "in the novice area" OR around 7.140 if the answer is "post your starting frequency". I think Jim will be at 7.110 and since several have suggested the foxii need to spread out a bit, I'll be on 7.140 +/- since there doesn't appear to be any broadcast stations in this area. (7.110 is just always tough for me due to broadcast stations.)

My antenna, such as it is, will be a dipole using a Kanga mast. I put brackets on my cement block wall to hold the mast this afternoon and will do a test run tonight. The antenna goes up at dark 'o five since I'm in a restricted area.

The exchange will be similar to Jim/K6JMB.

Again, Tuesday night, 0130-0330, 7.140 (or the novice area...see above) operating from Ahwatukee AZ.

Cheers,  
Gerry Elam  
K1LR0/7

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End of QRP-L Digest 1626

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